

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110823\
 Data File : VU056131.D
 Acq On : 08 Nov 2023 18:06
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 20:54:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 20:49:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	365280	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	362661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	183608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	104495	4.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.904	69	83253	5.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.560	65	43991	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.618	46	193360	51.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.960%
24) Chloroform-d	5.055	84	212303	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.695	65	92979	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.721	84	422677	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	125378	4.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.894	98	386621	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.177	79	46217	4.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.627	63	164753	51.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90994	4.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	133291	4.708	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	153431	4.953	ug/L	100
3) Chloromethane	1.515	50	142476	4.910	ug/L	98
5) Vinyl chloride	1.602	62	152923	5.094	ug/L	100
6) Bromomethane	1.850	94	78271	4.539	ug/L	99
8) Chloroethane	1.927	64	92363	5.674	ug/L	99
9) Trichlorofluoromethane	2.133	101	199563	5.026	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	126995	5.020	ug/L	98
12) 1,1-Dichloroethene	2.576	96	120469	5.131	ug/L	97
13) Acetone	2.621	43	139585	50.884	ug/L	99
14) Carbon disulfide	2.788	76	389927	4.874	ug/L	100
15) Methyl Acetate	2.946	43	38182	4.933	ug/L	96
16) Methylene chloride	3.039	84	142202	5.282	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	273663	5.174	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	128522	5.166	ug/L	99
19) 1,1-Dichloroethane	3.862	63	235576	5.191	ug/L	95
21) 2-Butanone	4.695	43	236833	52.351	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	139137	5.181	ug/L	98
23) Bromochloromethane	4.968	128	61113	5.129	ug/L	93
25) Chloroform	5.081	83	257153	5.318	ug/L	98

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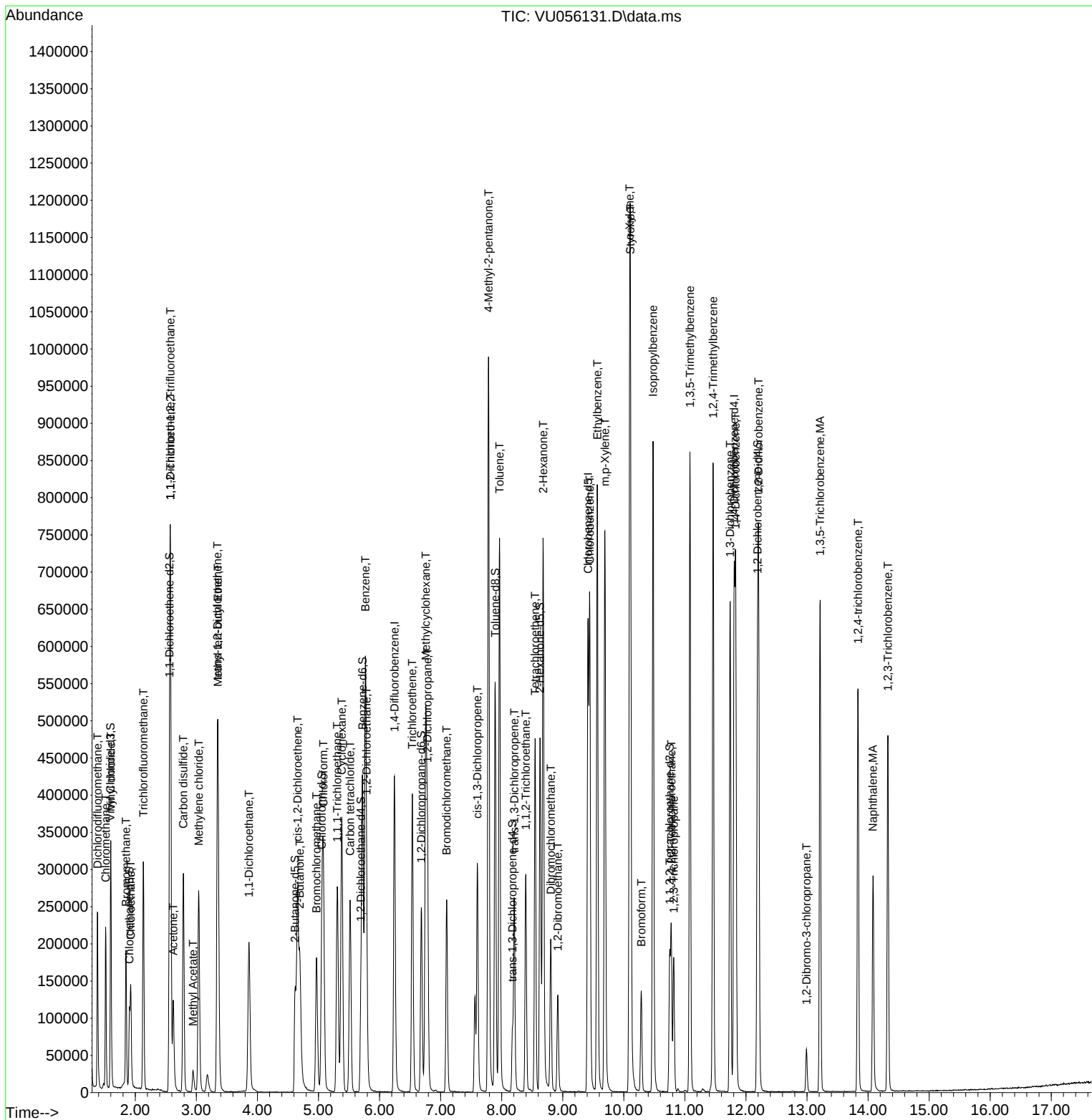
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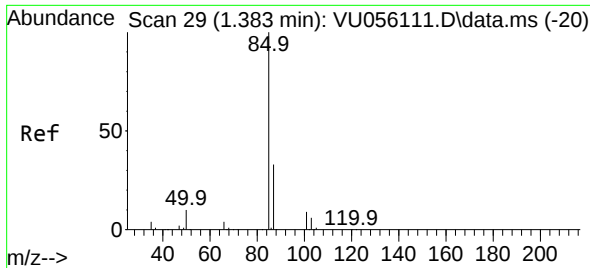
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 20:49:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	138853	5.073	ug/L #	94
29) 1,1,1-Trichloroethane	5.309	97	210761	5.073	ug/L	98
30) Cyclohexane	5.380	56	184745	4.759	ug/L	98
31) Carbon tetrachloride	5.518	117	184484	5.001	ug/L	100
33) Benzene	5.769	78	533566	5.138	ug/L	100
34) Trichloroethene	6.537	95	143094	5.045	ug/L	98
35) Methylcyclohexane	6.759	83	204497	4.851	ug/L	99
37) 1,2-Dichloropropane	6.785	63	136493	5.055	ug/L	99
38) Bromodichloromethane	7.100	83	172814	5.125	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	194342	5.099	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	609551	51.605	ug/L	100
42) Toluene	7.965	91	569406	5.201	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	151682	4.915	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	94069	5.096	ug/L	98
47) Tetrachloroethene	8.550	164	105165	4.940	ug/L	93
48) 2-Hexanone	8.679	43	448515	52.153	ug/L	98
49) Dibromochloromethane	8.804	129	109801	5.184	ug/L	96
50) 1,2-Dibromoethane	8.920	107	89945	5.214	ug/L	99
51) Chlorobenzene	9.444	112	355992	5.040	ug/L	100
52) Ethylbenzene	9.566	91	606283	5.082	ug/L	100
53) m,p-Xylene	9.692	106	234461	5.168	ug/L	98
54) o-Xylene	10.097	106	230206	5.293	ug/L	94
55) Styrene	10.110	104	383398	5.388	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	110500	5.094	ug/L	96
59) Bromoform	10.287	173	63618	4.989	ug/L	99
60) Isopropylbenzene	10.479	105	600200	5.042	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	77969	4.920	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	478571	4.957	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	478933	5.057	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	286412	5.080	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	278984	5.004	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	260266	5.009	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	16657	4.983	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	209905	4.971	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	167581	5.002	ug/L	99
71) Naphthalene	14.081	128	248638	5.004	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	148554	5.058	ug/L	100

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

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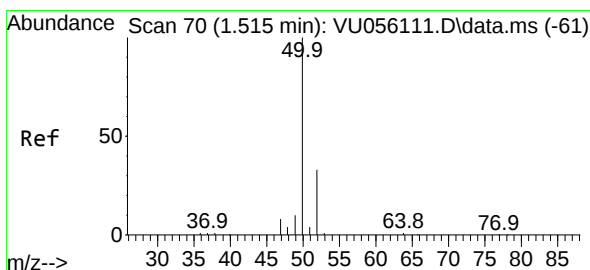
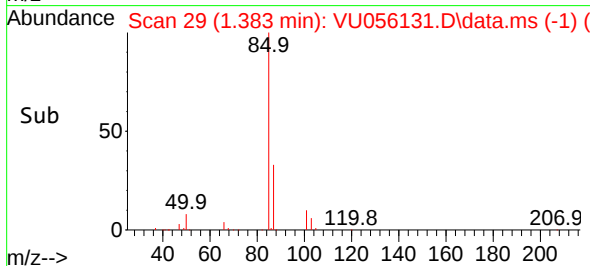
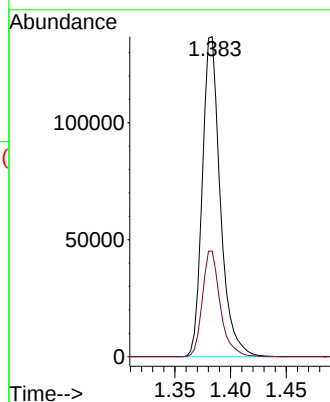
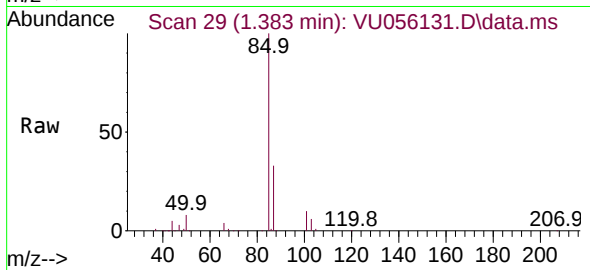




#2
 Dichlorodifluoromethane
 Concen: 4.953 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056131.D
 Acq: 08 Nov 2023 18:06

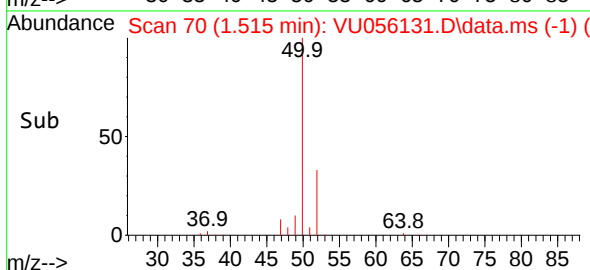
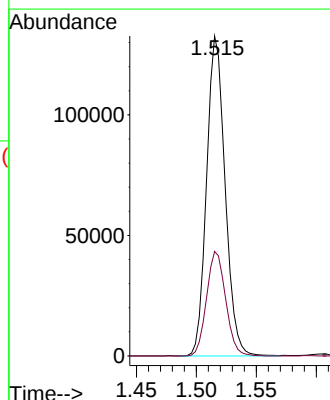
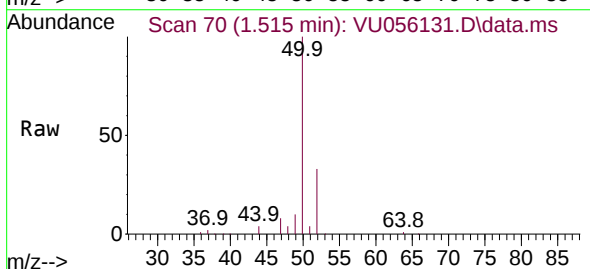
Instrument :
 MSVOA_U
 ClientSampleId :

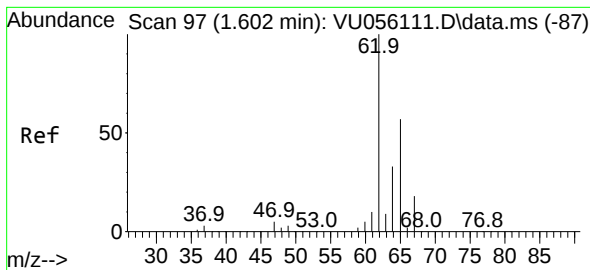
Tgt Ion: 85 Resp: 153431
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.4 39.6



#3
 Chloromethane
 Concen: 4.910 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056131.D
 Acq: 08 Nov 2023 18:06

Tgt Ion: 50 Resp: 142476
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.2 41.2





#5

Vinyl chloride

Concen: 5.094 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

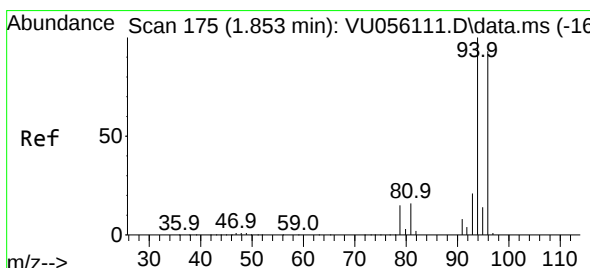
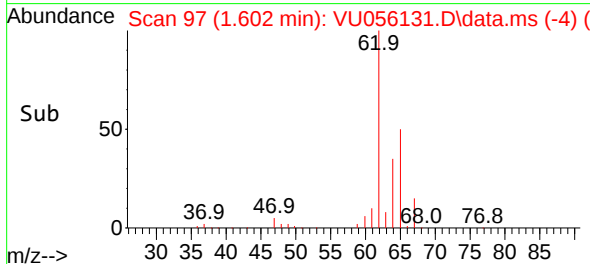
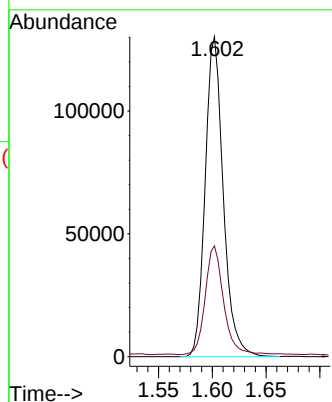
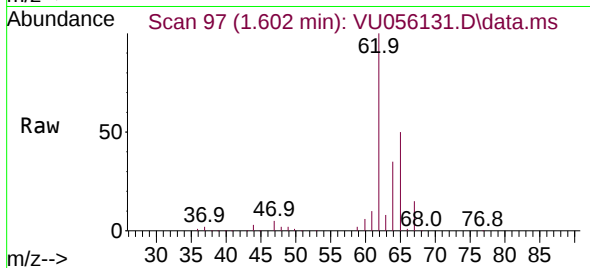
ClientSampleId :

Tgt Ion: 62 Resp: 152923

Ion Ratio Lower Upper

62 100

64 34.7 24.1 44.7



#6

Bromomethane

Concen: 4.539 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU056131.D

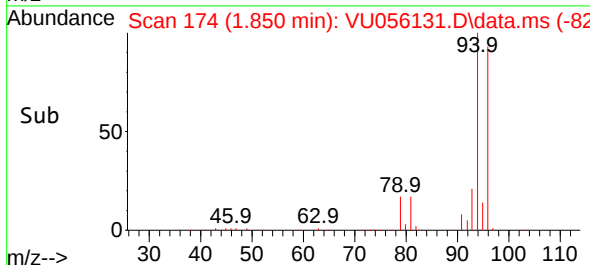
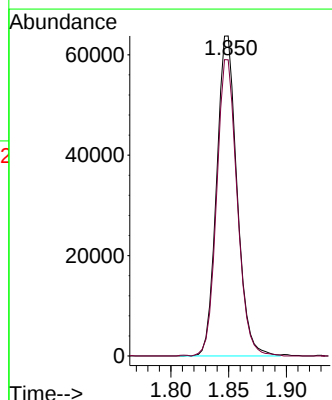
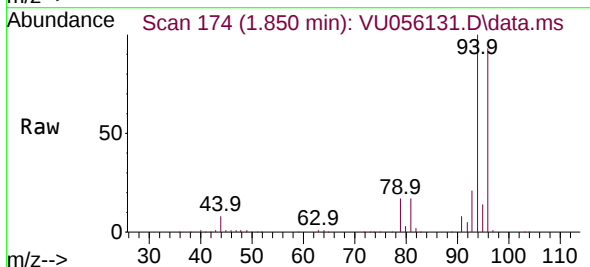
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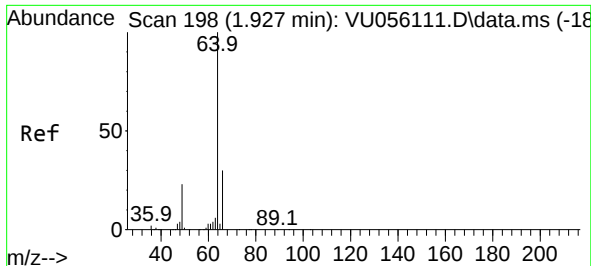
Tgt Ion: 94 Resp: 78271

Ion Ratio Lower Upper

94 100

96 92.5 65.6 121.8





#8

Chloroethane

Concen: 5.674 ug/L

RT: 1.927 min Scan# 198

Delta R.T. -0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

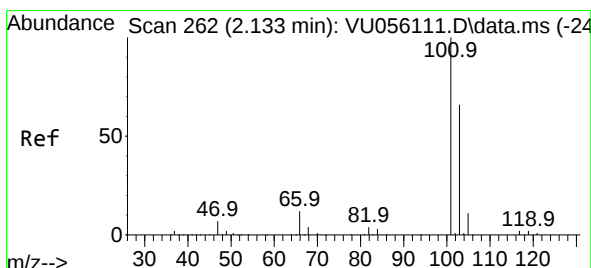
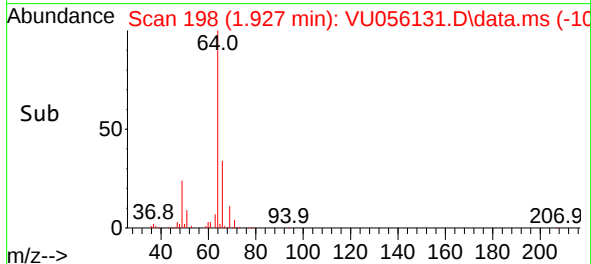
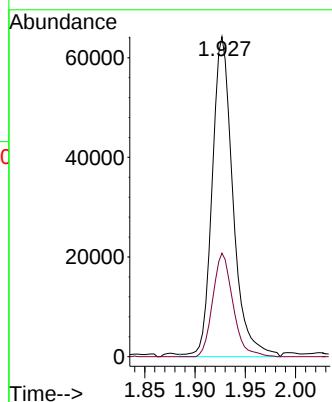
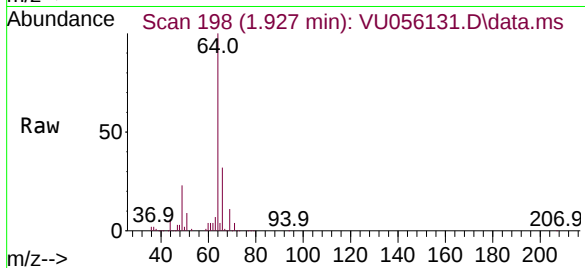
ClientSampleId :

Tgt Ion: 64 Resp: 92363

Ion Ratio Lower Upper

64 100

66 32.4 22.4 41.6



#9

Trichlorofluoromethane

Concen: 5.026 ug/L

RT: 2.133 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU056131.D

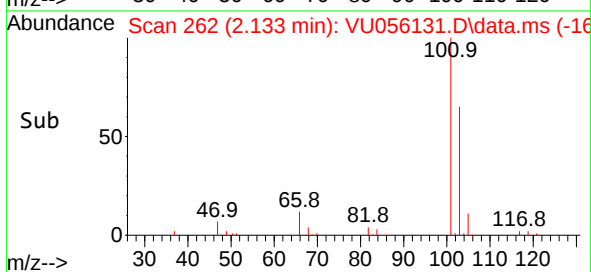
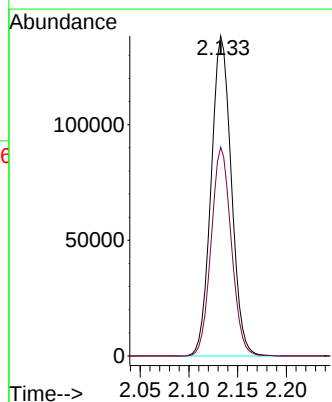
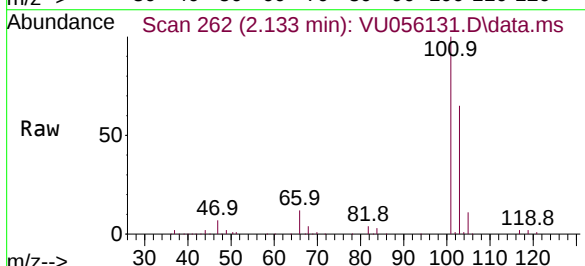
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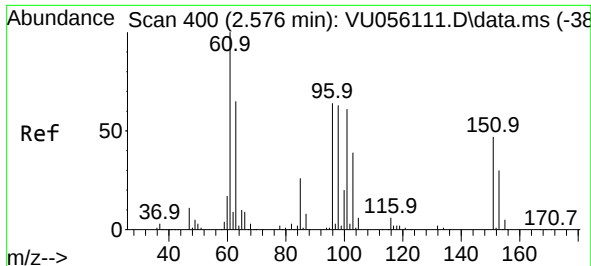
Tgt Ion:101 Resp: 199563

Ion Ratio Lower Upper

101 100

103 65.0 51.8 77.6

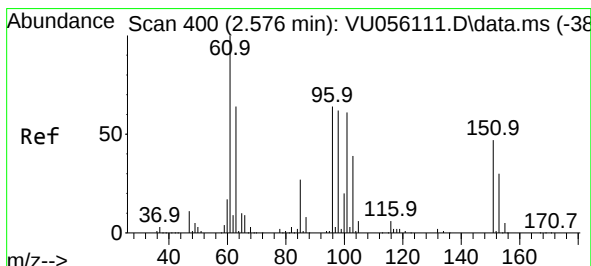
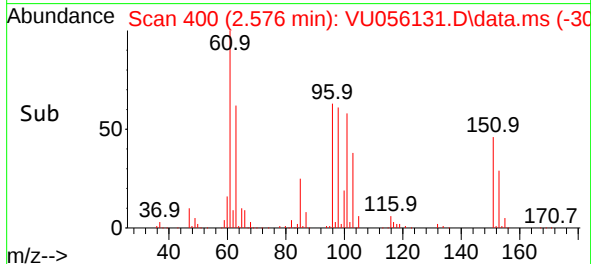
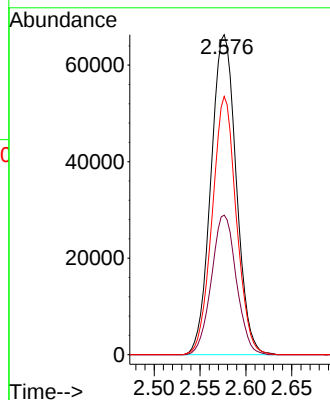
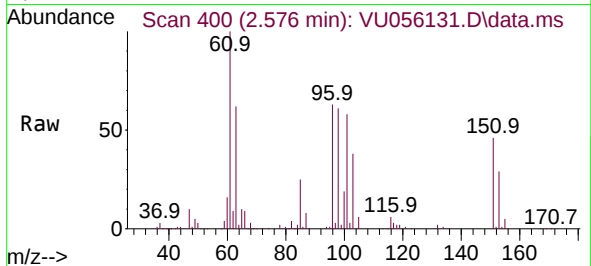




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.020 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

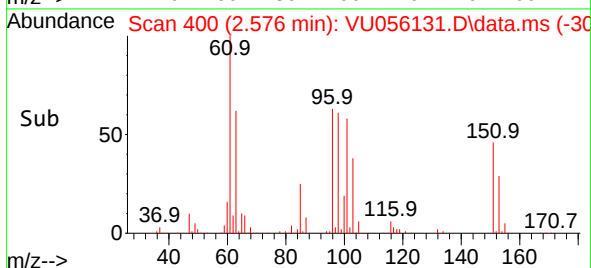
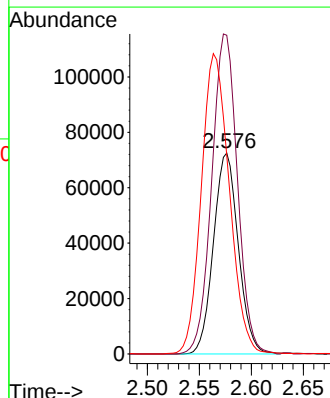
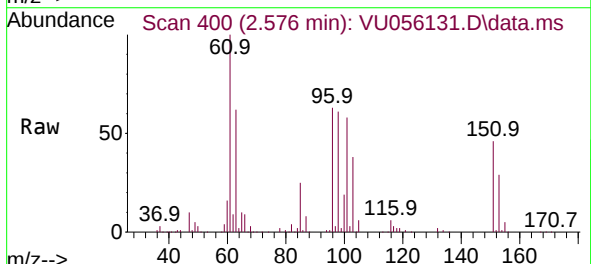
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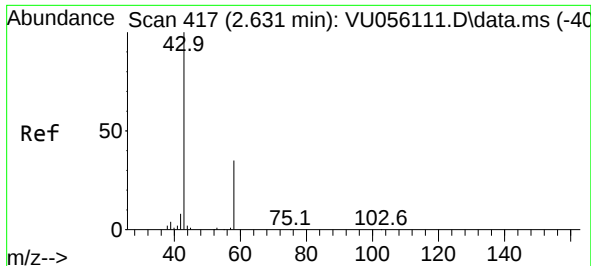
Tgt Ion:101 Resp: 126995
Ion Ratio Lower Upper
101 100
85 43.0 34.2 51.4
151 77.3 59.3 88.9



#12
1,1-Dichloroethene
Concen: 5.131 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Tgt Ion: 96 Resp: 120469
Ion Ratio Lower Upper
96 100
61 158.6 111.7 207.5
63 98.7 74.5 138.3





#13

Acetone

Concen: 50.884 ug/L

RT: 2.621 min Scan# 417

Delta R.T. -0.010 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

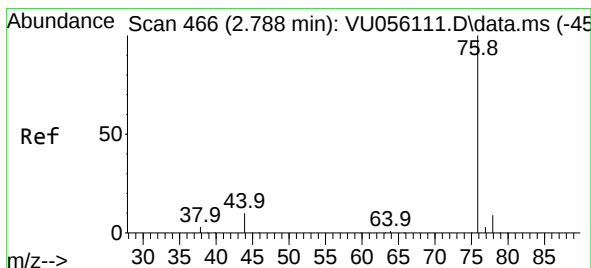
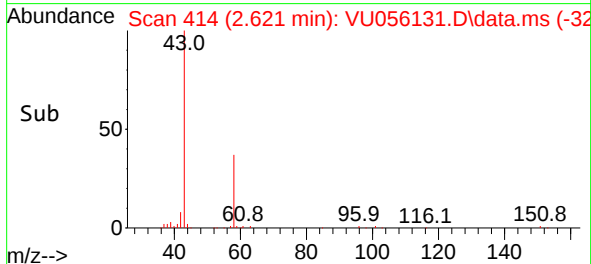
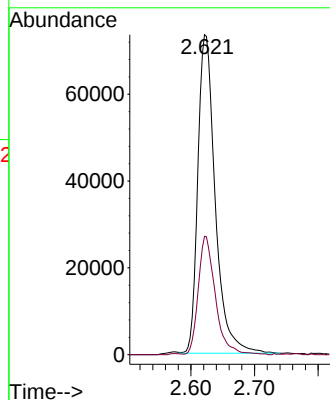
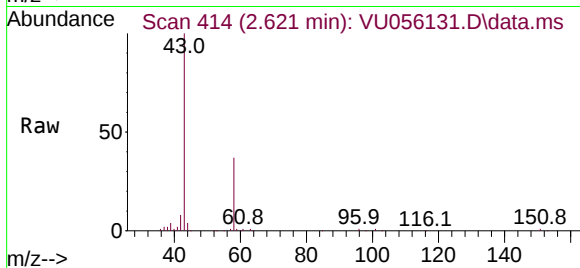
ClientSampleId :

Tgt Ion: 43 Resp: 139585

Ion Ratio Lower Upper

43 100

58 36.7 0.0 74.4



#14

Carbon disulfide

Concen: 4.874 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056131.D

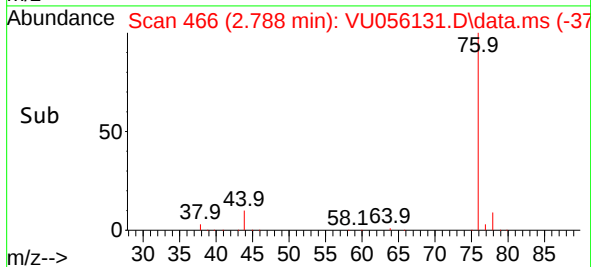
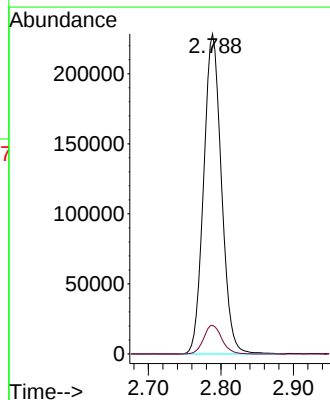
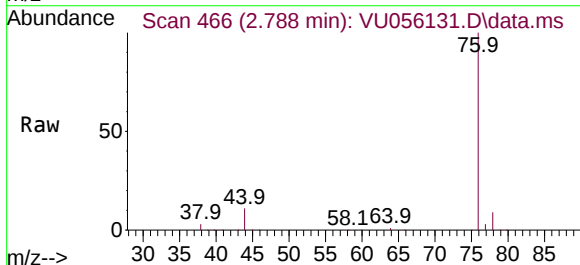
Acq: 08 Nov 2023 18:06

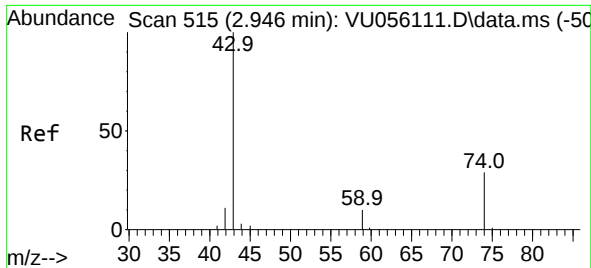
Tgt Ion: 76 Resp: 389927

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

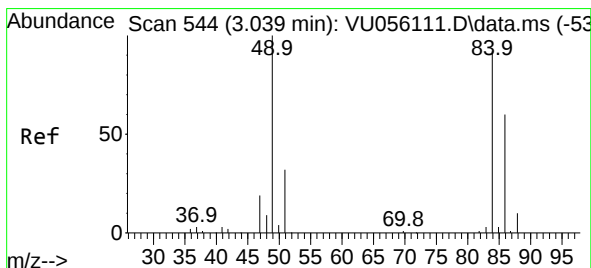
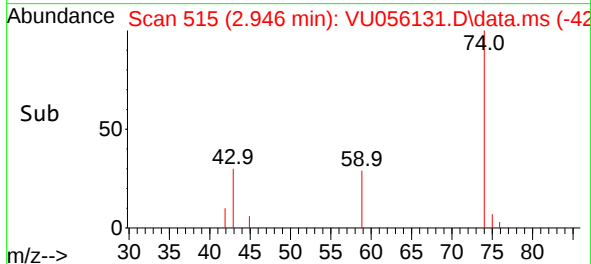
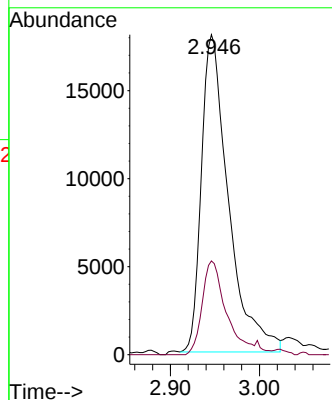
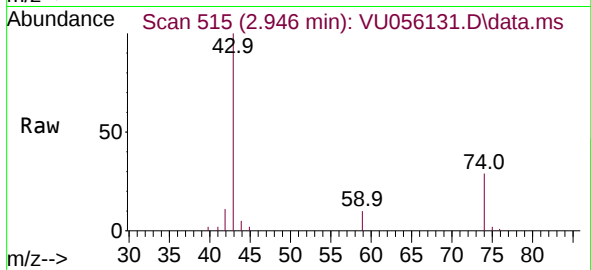




#15
Methyl Acetate
Concen: 4.933 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

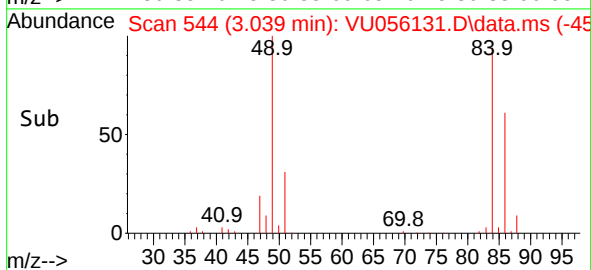
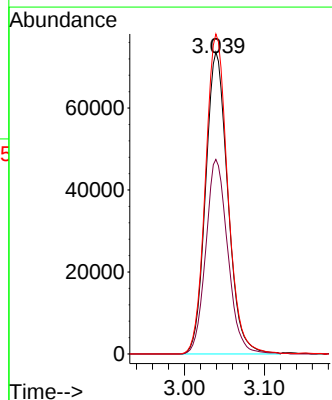
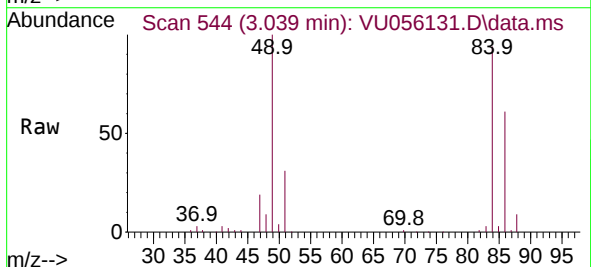
Instrument :
MSVOA_U
ClientSampleId :

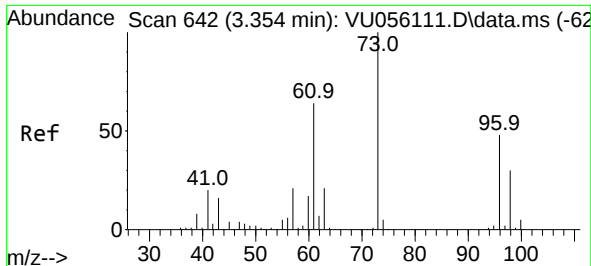
Tgt Ion: 43 Resp: 38182
Ion Ratio Lower Upper
43 100
74 27.1 23.3 34.9



#16
Methylene chloride
Concen: 5.282 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Tgt Ion: 84 Resp: 142202
Ion Ratio Lower Upper
84 100
86 64.4 44.9 83.5
49 106.0 75.0 139.4

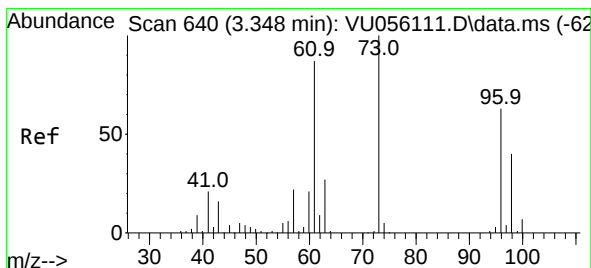
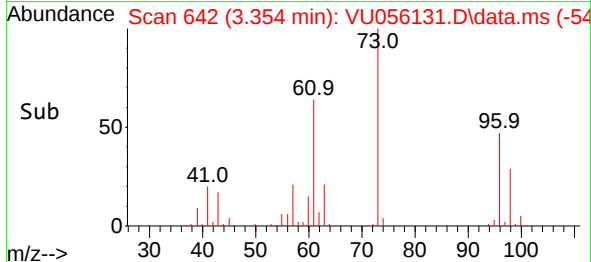
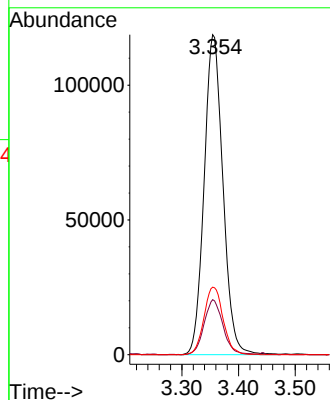
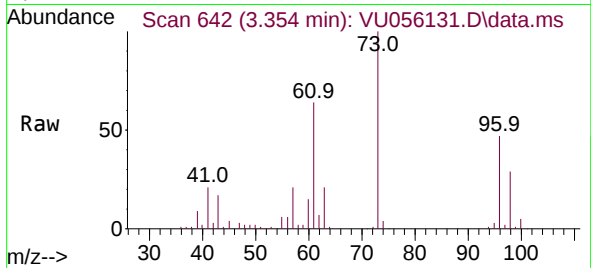




#17
Methyl tert-butyl Ether
Concen: 5.174 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

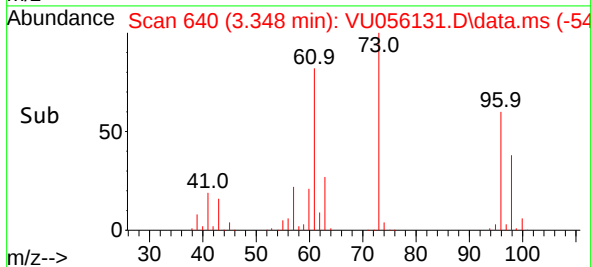
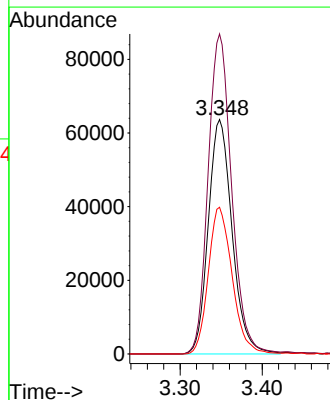
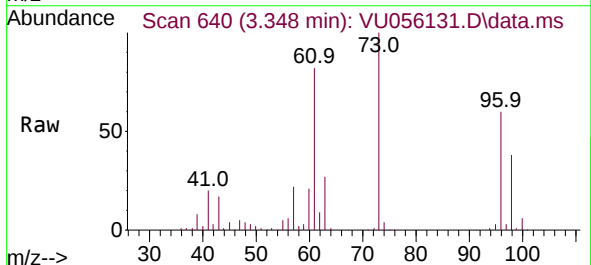
Instrument :
MSVOA_U
ClientSampleId :

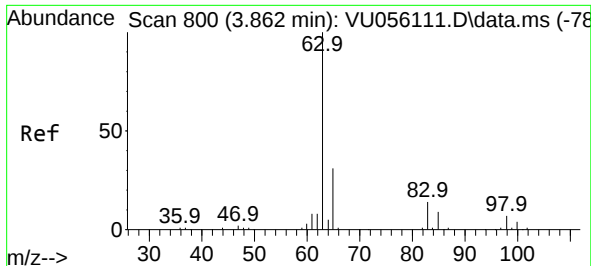
Tgt Ion: 73 Resp: 273663
Ion Ratio Lower Upper
73 100
43 17.3 13.6 20.4
57 21.5 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.166 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Tgt Ion: 96 Resp: 128522
Ion Ratio Lower Upper
96 100
61 136.5 96.7 179.5
98 62.6 44.3 82.3





#19

1,1-Dichloroethane

Concen: 5.191 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

ClientSampleId :

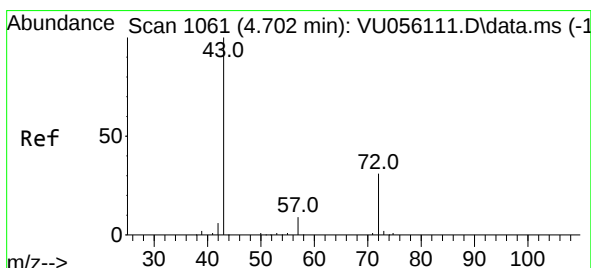
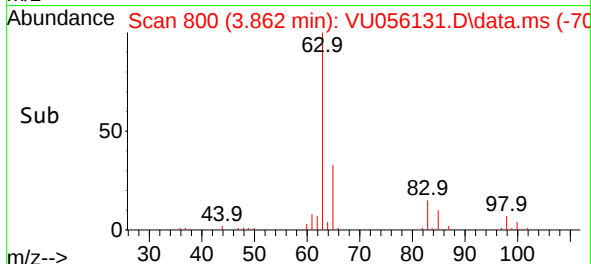
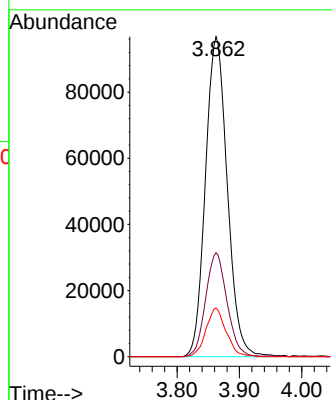
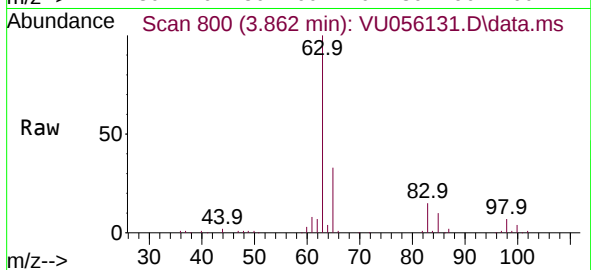
Tgt Ion: 63 Resp: 235576

Ion Ratio Lower Upper

63 100

65 32.5 20.6 38.2

83 15.2 9.6 17.8



#21

2-Butanone

Concen: 52.351 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VU056131.D

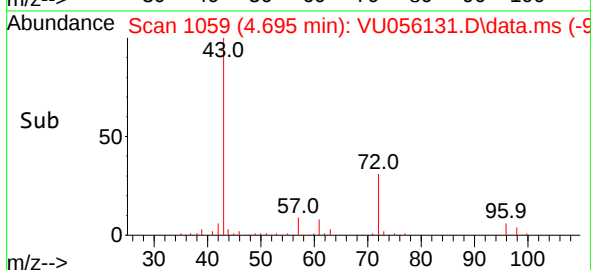
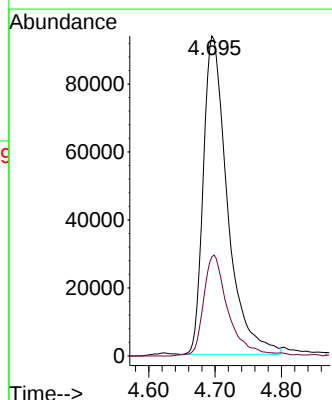
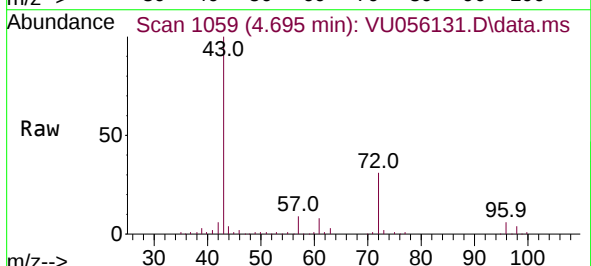
Acq: 08 Nov 2023 18:06

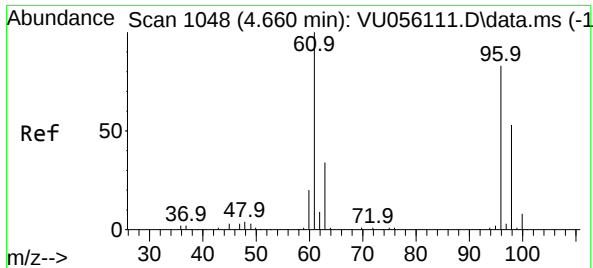
Tgt Ion: 43 Resp: 236833

Ion Ratio Lower Upper

43 100

72 32.1 15.7 47.0

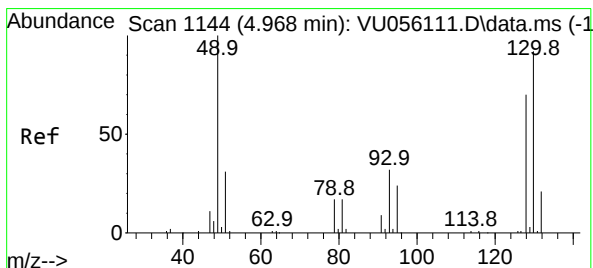
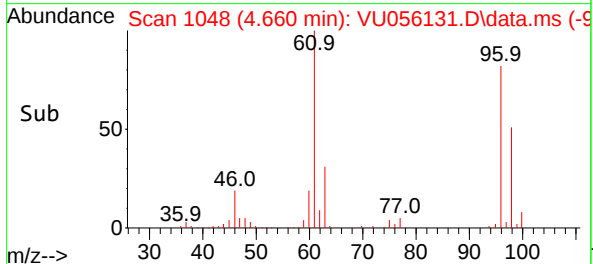
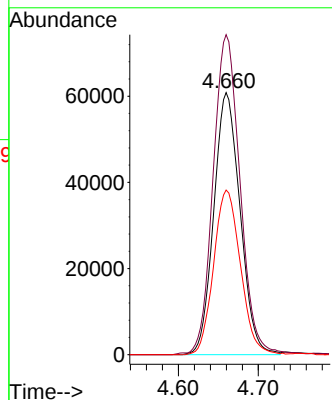
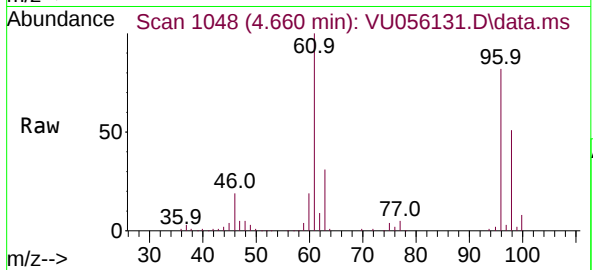




#22
 cis-1,2-Dichloroethene
 Concen: 5.181 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056131.D
 Acq: 08 Nov 2023 18:06

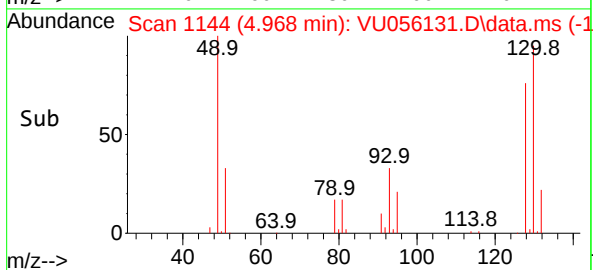
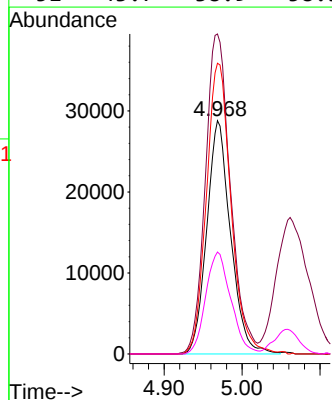
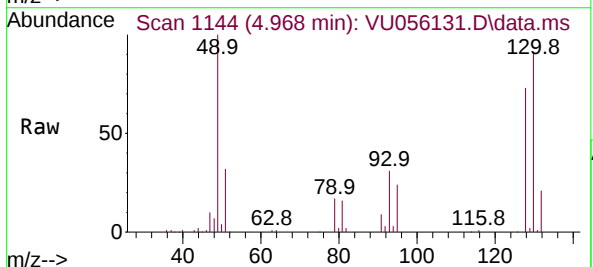
Instrument :
 MSVOA_U
 ClientSampleId :

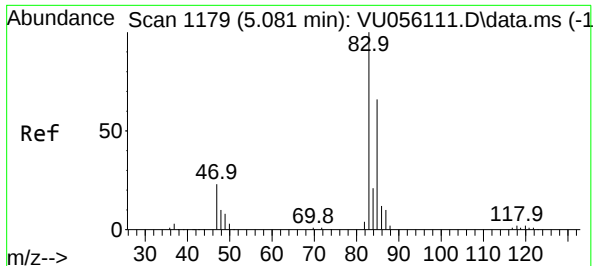
Tgt Ion: 96 Resp: 139137
 Ion Ratio Lower Upper
 96 100
 61 122.1 87.8 163.2
 98 62.8 43.5 80.7



#23
 Bromochloromethane
 Concen: 5.129 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056131.D
 Acq: 08 Nov 2023 18:06

Tgt Ion: 128 Resp: 61113
 Ion Ratio Lower Upper
 128 100
 49 137.1 103.7 192.7
 130 124.6 91.8 170.6
 51 43.7 38.9 58.3





#25

Chloroform

Concen: 5.318 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

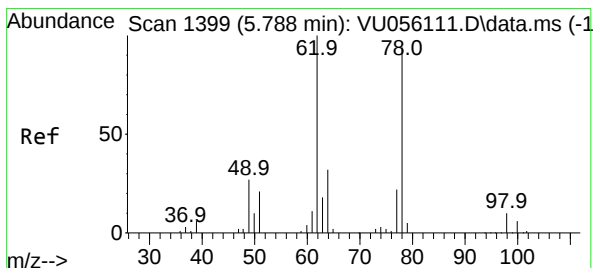
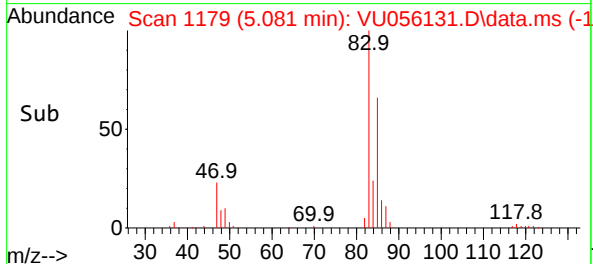
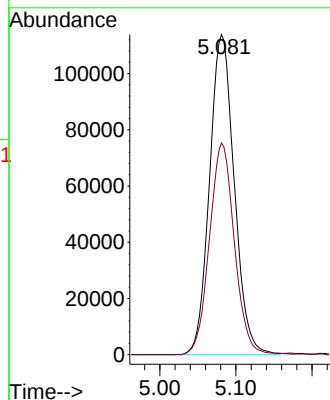
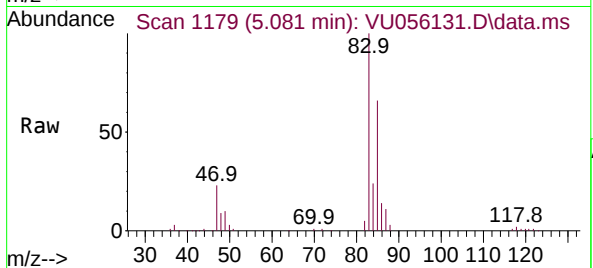
ClientSampleId :

Tgt Ion: 83 Resp: 257153

Ion Ratio Lower Upper

83 100

85 66.2 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.073 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056131.D

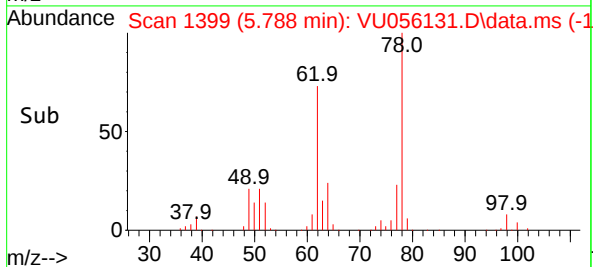
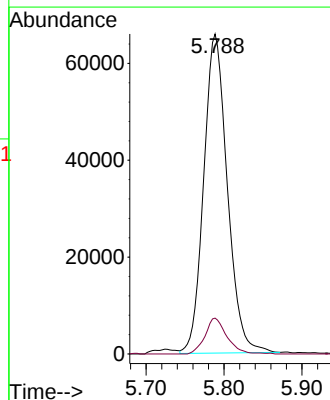
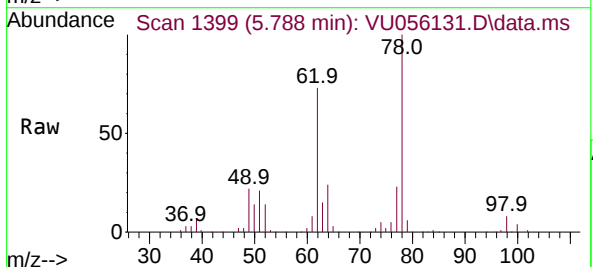
Acq: 08 Nov 2023 18:06

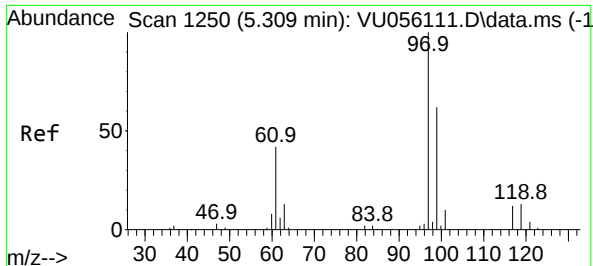
Tgt Ion: 62 Resp: 138853

Ion Ratio Lower Upper

62 100

98 11.2 7.1 10.7#

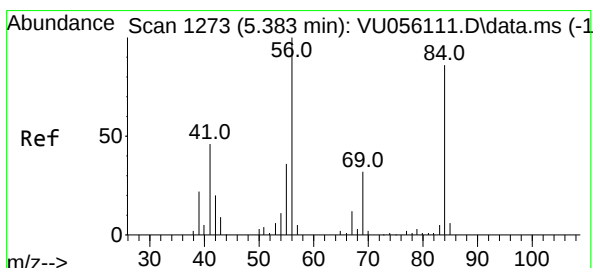
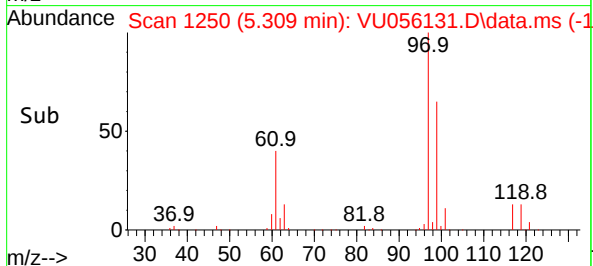
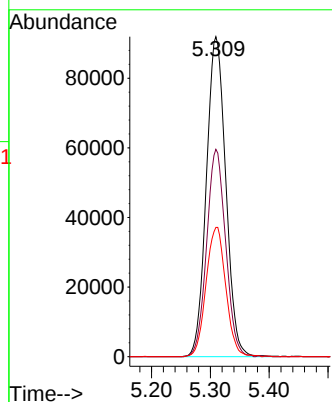
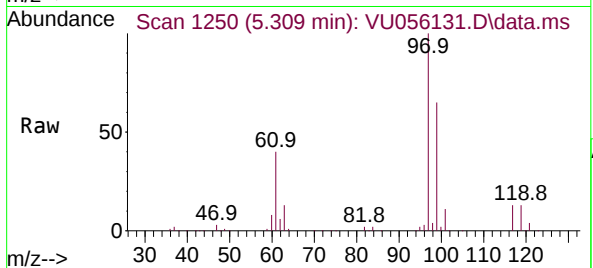




#29
1,1,1-Trichloroethane
Concen: 5.073 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

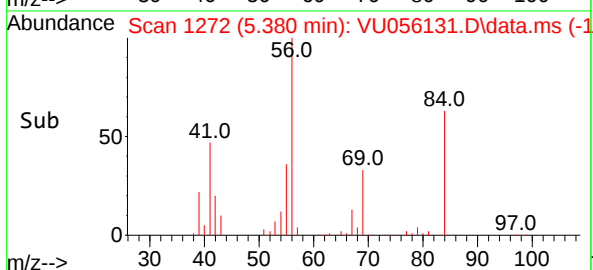
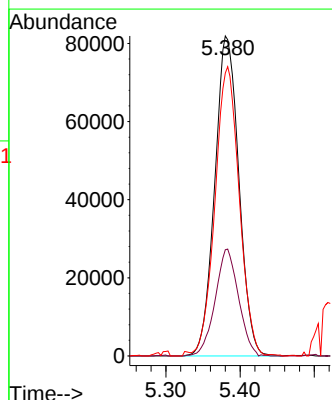
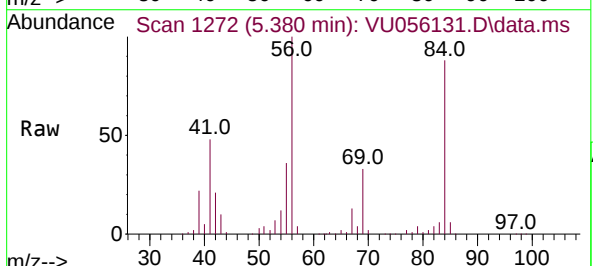
Instrument :
MSVOA_U
ClientSampleId :

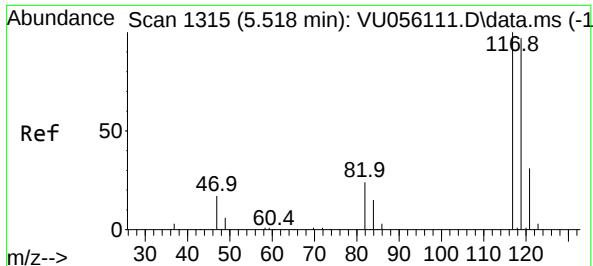
Tgt Ion: 97 Resp: 210761
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 41.1 33.4 50.0



#30
Cyclohexane
Concen: 4.759 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Tgt Ion: 56 Resp: 184745
Ion Ratio Lower Upper
56 100
69 32.4 26.6 39.8
84 89.8 70.4 105.6

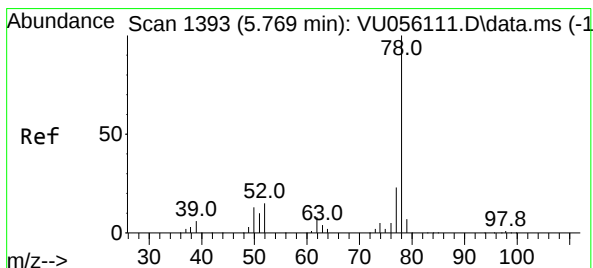
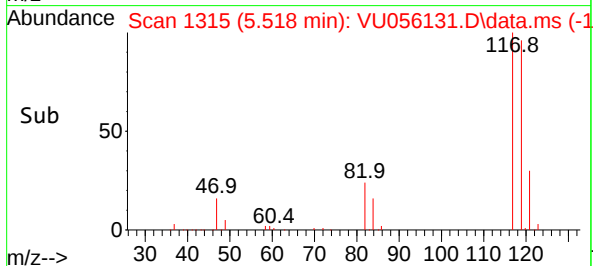
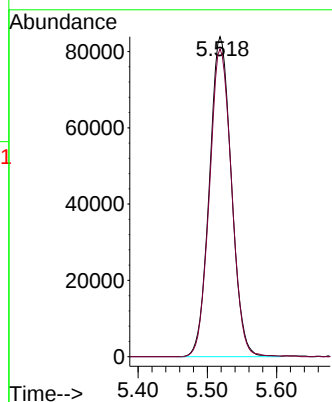
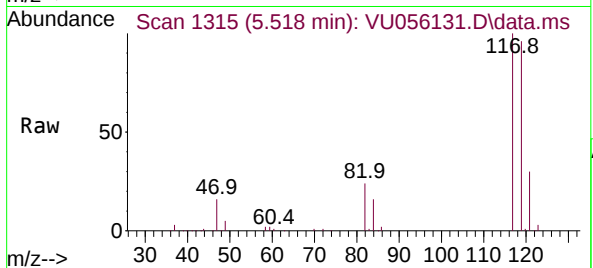




#31
Carbon tetrachloride
Concen: 5.001 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

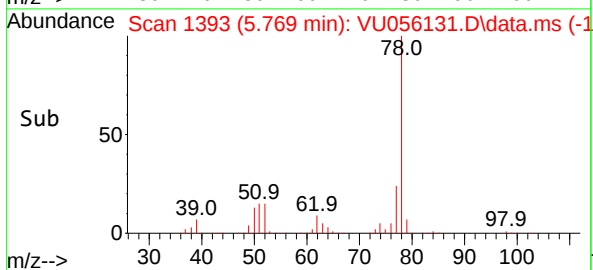
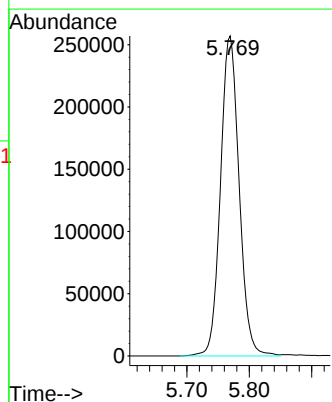
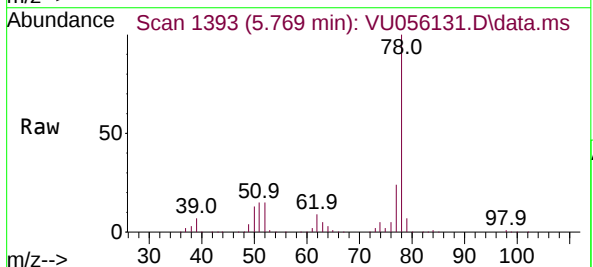
Instrument :
MSVOA_U
ClientSampleId :

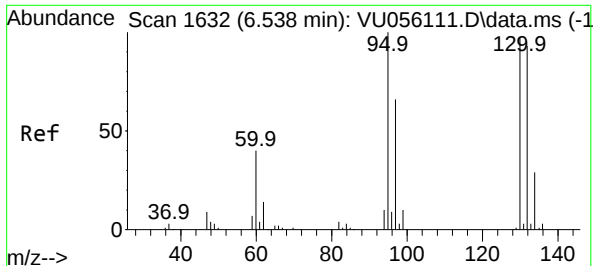
Tgt Ion:117 Resp: 184484
Ion Ratio Lower Upper
117 100
119 96.9 77.2 115.8



#33
Benzene
Concen: 5.138 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Tgt Ion: 78 Resp: 533566

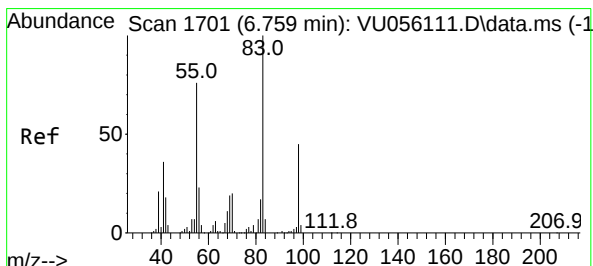
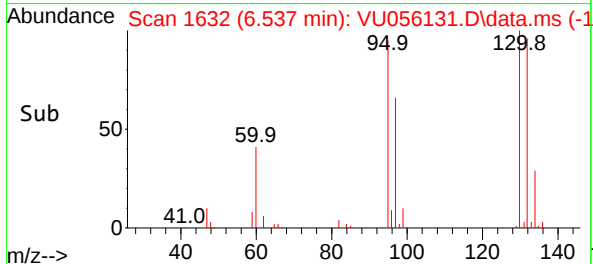
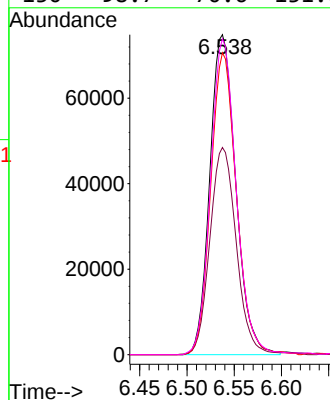
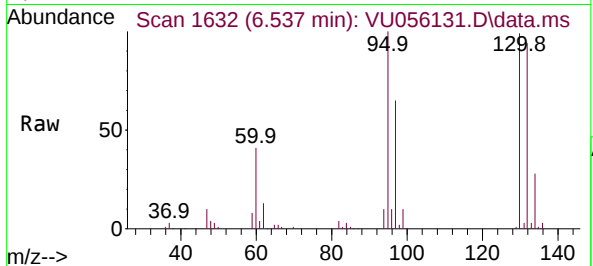




#34
Trichloroethene
Concen: 5.045 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

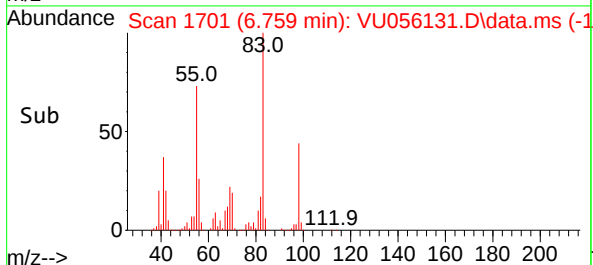
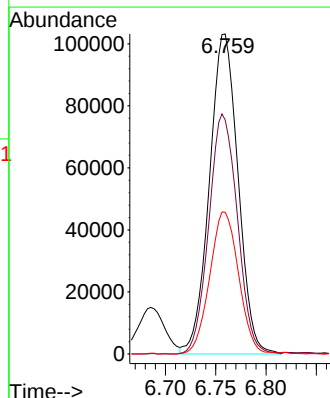
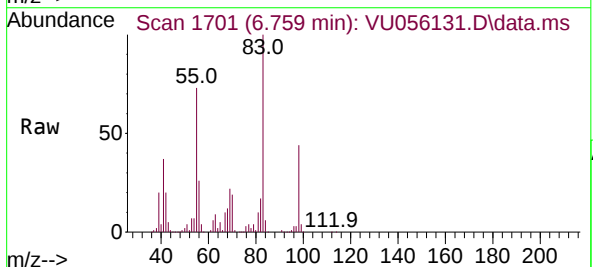
Instrument :
MSVOA_U
ClientSampleId :

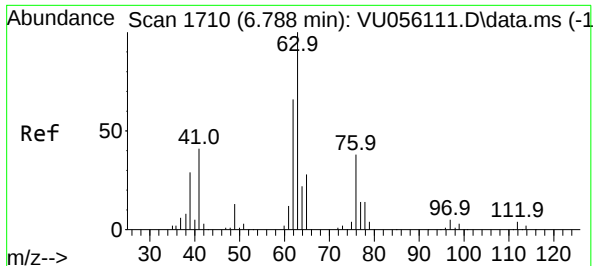
Tgt Ion: 95 Resp: 143094
Ion Ratio Lower Upper
95 100
97 64.7 46.8 87.0
132 94.4 66.5 123.5
130 98.7 70.6 131.0



#35
Methylcyclohexane
Concen: 4.851 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Tgt Ion: 83 Resp: 204497
Ion Ratio Lower Upper
83 100
55 74.8 60.6 91.0
98 44.8 36.2 54.4





#37

1,2-Dichloropropane

Concen: 5.055 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

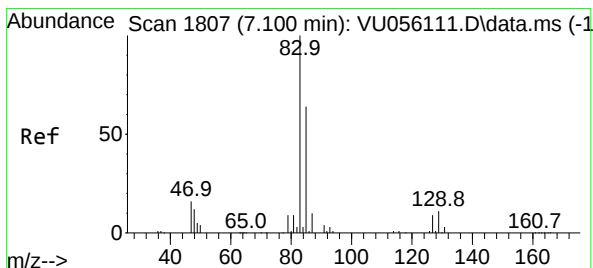
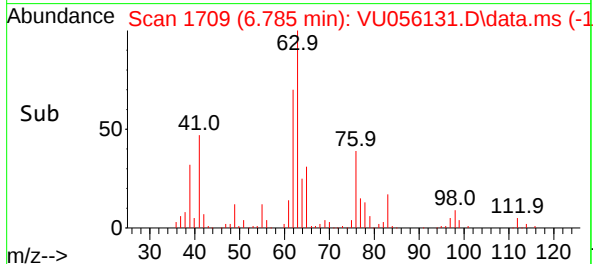
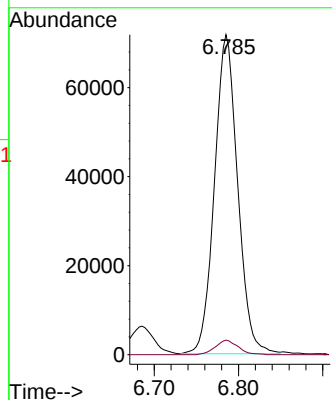
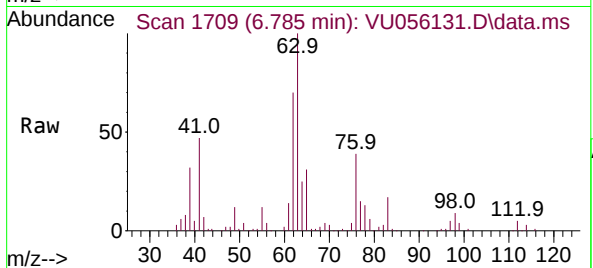
ClientSampleId :

Tgt Ion: 63 Resp: 136493

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 5.125 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

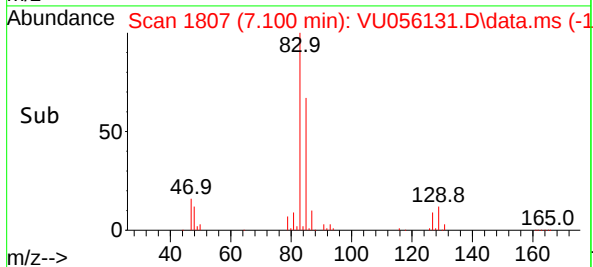
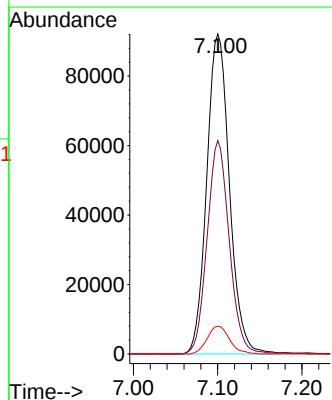
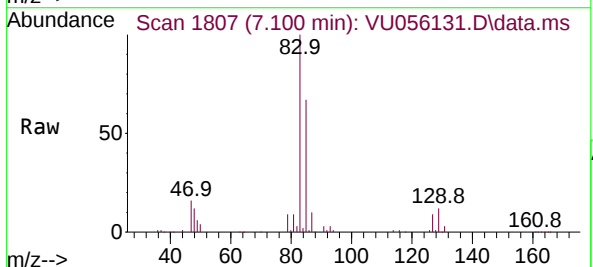
Tgt Ion: 83 Resp: 172814

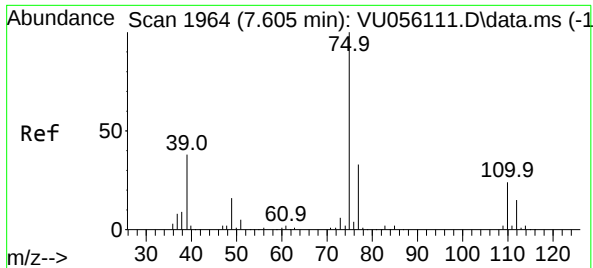
Ion Ratio Lower Upper

83 100

85 66.6 46.6 86.6

127 8.6 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.099 ug/L

RT: 7.602 min Scan# 1964

Delta R.T. -0.003 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

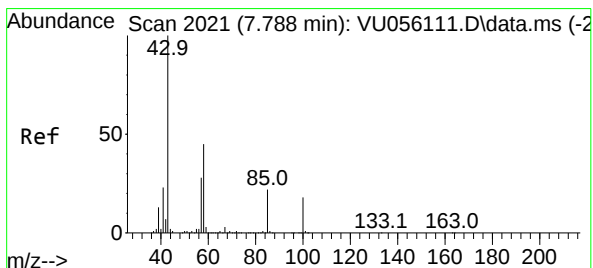
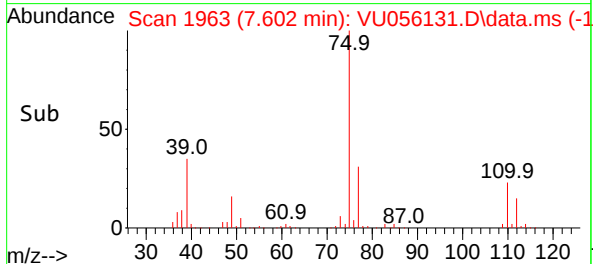
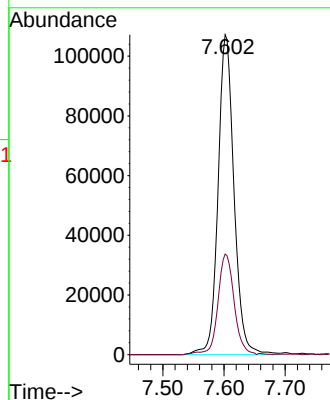
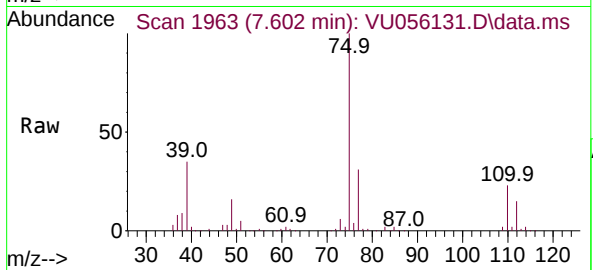
ClientSampleId :

Tgt Ion: 75 Resp: 194342

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 51.605 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

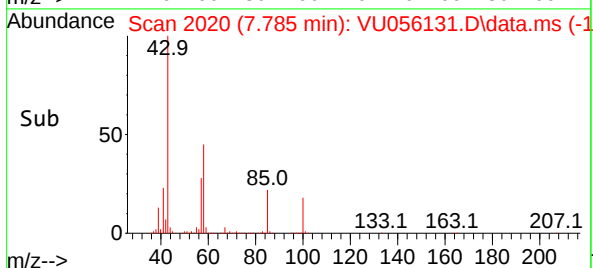
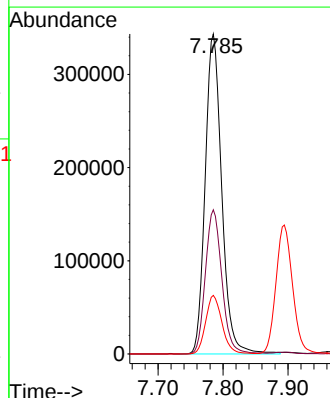
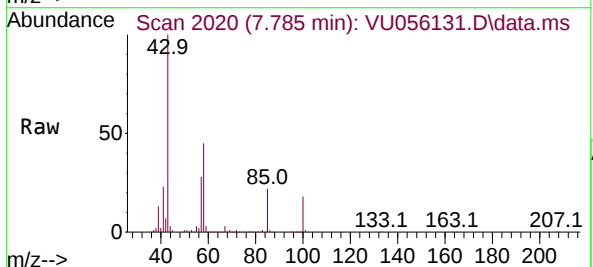
Tgt Ion: 43 Resp: 609551

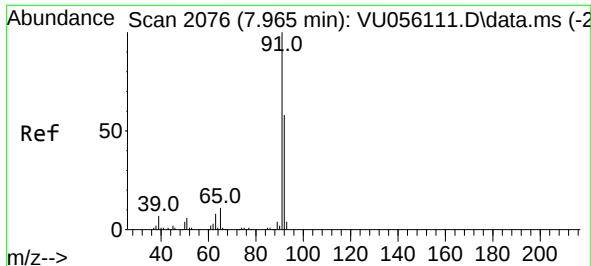
Ion Ratio Lower Upper

43 100

58 44.9 36.0 54.0

100 18.1 14.2 21.4





#42

Toluene

Concen: 5.201 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

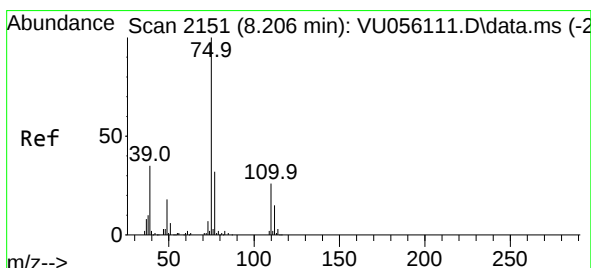
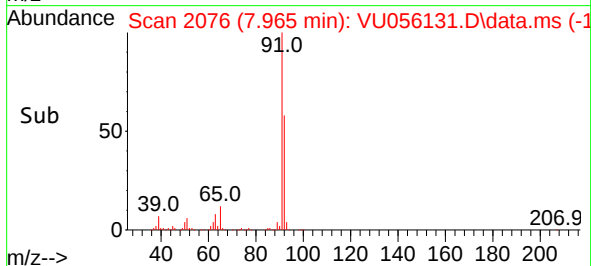
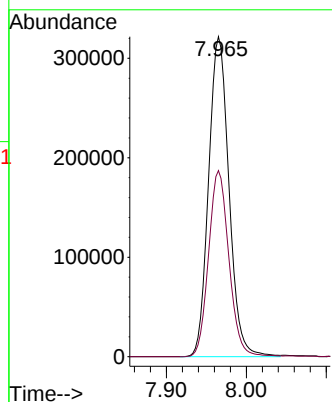
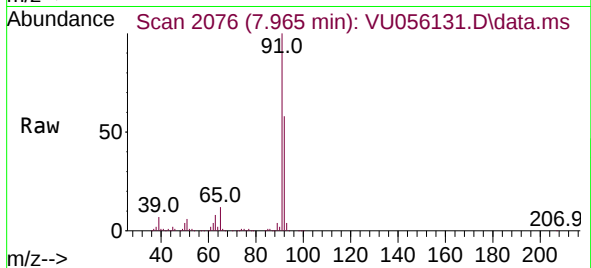
ClientSampleId :

Tgt Ion: 91 Resp: 569406

Ion Ratio Lower Upper

91 100

92 58.2 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 4.915 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056131.D

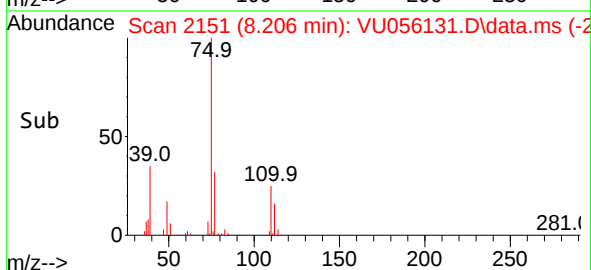
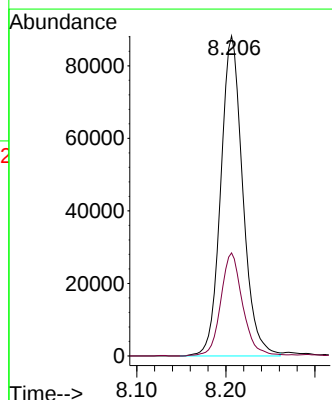
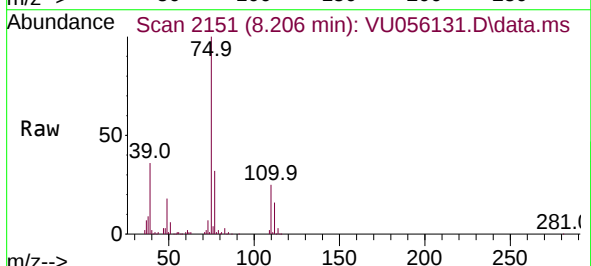
Acq: 08 Nov 2023 18:06

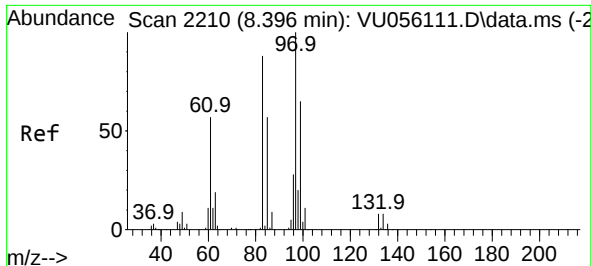
Tgt Ion: 75 Resp: 151682

Ion Ratio Lower Upper

75 100

77 32.2 21.7 40.3

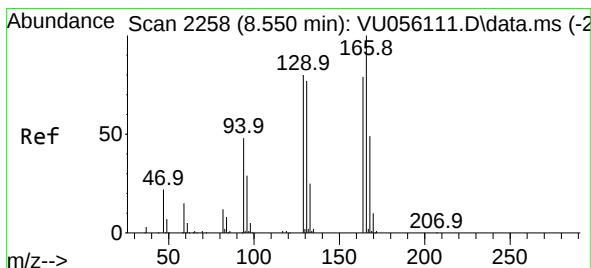
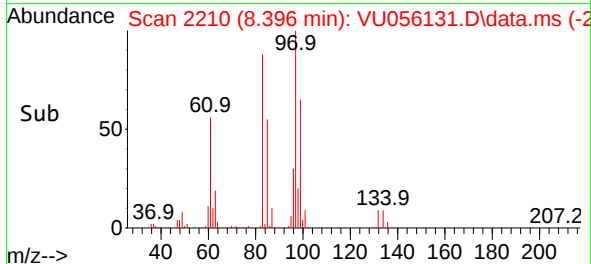
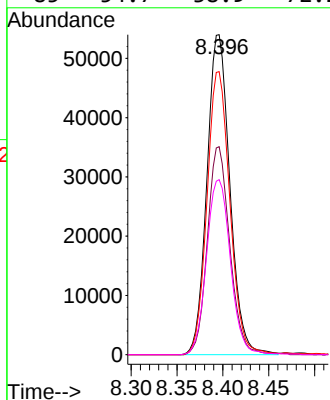
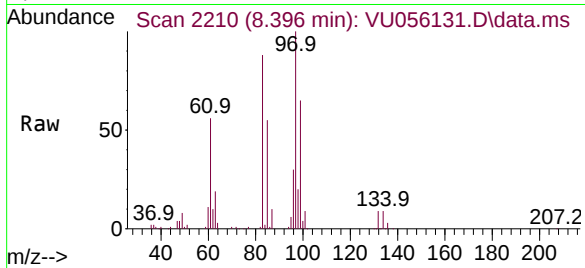




#45
1,1,2-Trichloroethane
Concen: 5.096 ug/L
RT: 8.396 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

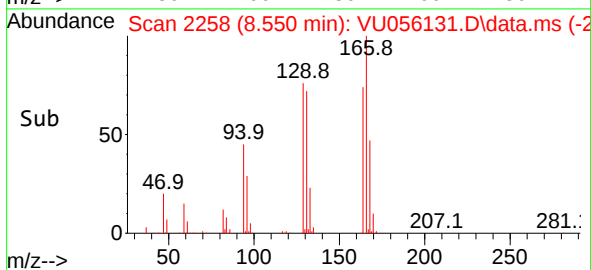
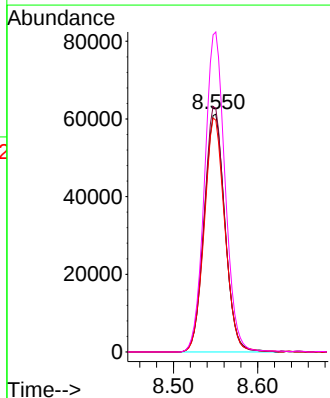
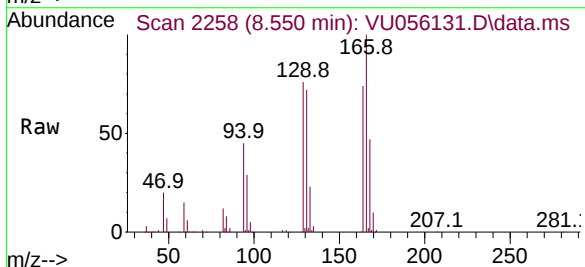
Instrument :
MSVOA_U
ClientSampleId :

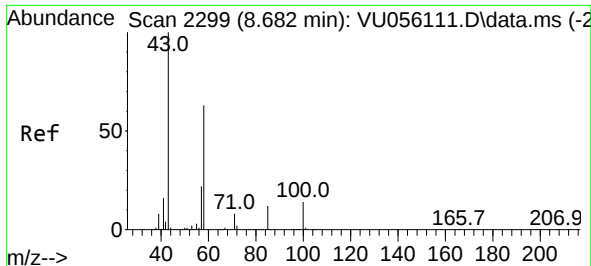
Tgt Ion: 97 Resp: 94069
Ion Ratio Lower Upper
97 100
99 65.0 44.7 82.9
83 88.4 59.4 110.2
85 54.7 38.9 72.2



#47
Tetrachloroethene
Concen: 4.940 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

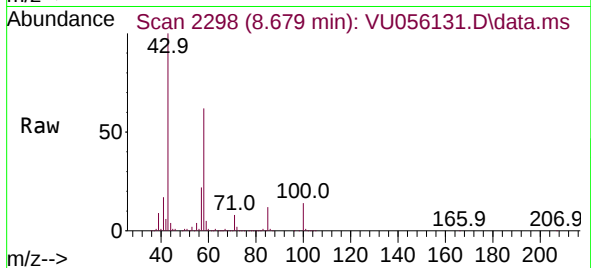
Tgt Ion:164 Resp: 105165
Ion Ratio Lower Upper
164 100
129 102.4 66.6 123.8
131 97.5 67.8 126.0
166 134.6 85.9 159.5



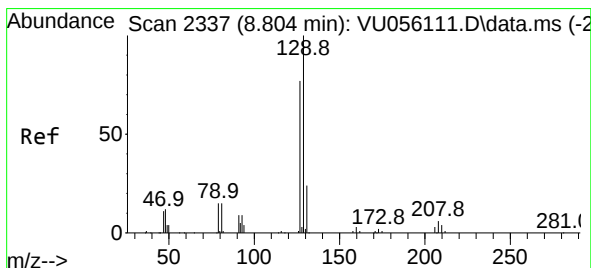
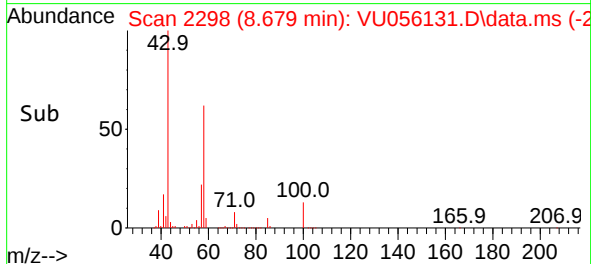
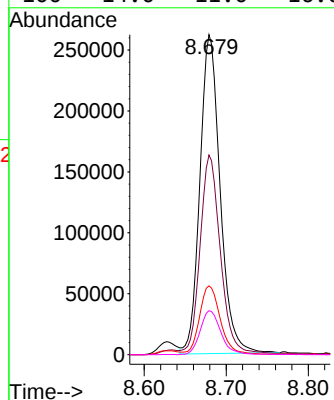


#48
2-Hexanone
Concen: 52.153 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Instrument :
MSVOA_U
ClientSampleId :

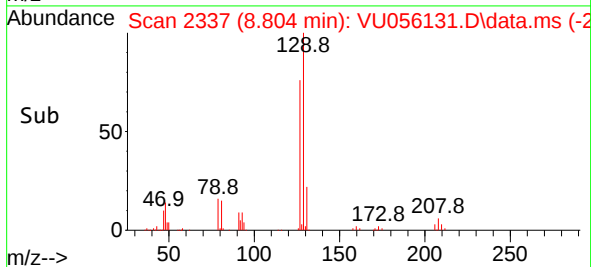
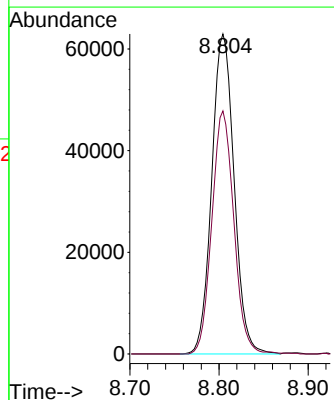
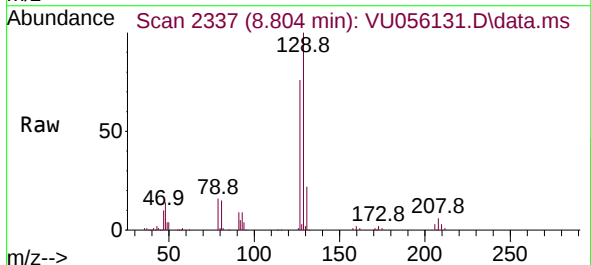


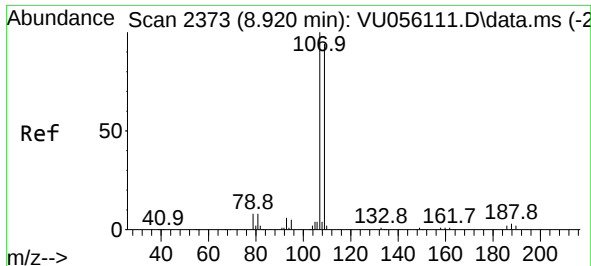
Tgt Ion: 43 Resp: 448515
Ion Ratio Lower Upper
43 100
58 62.2 52.0 78.0
57 22.0 17.4 26.2
100 14.0 11.0 16.6



#49
Dibromochloromethane
Concen: 5.184 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Tgt Ion: 129 Resp: 109801
Ion Ratio Lower Upper
129 100
127 76.0 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.214 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056131.D

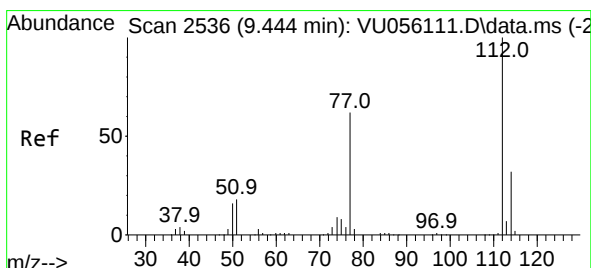
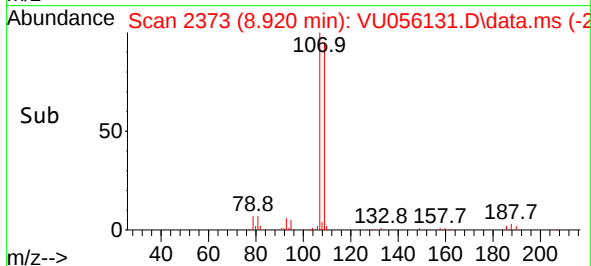
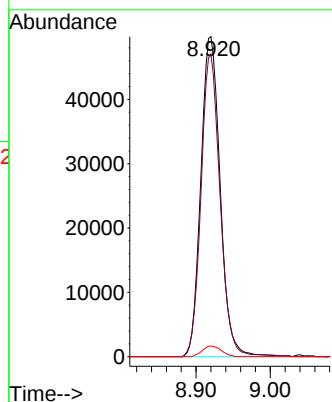
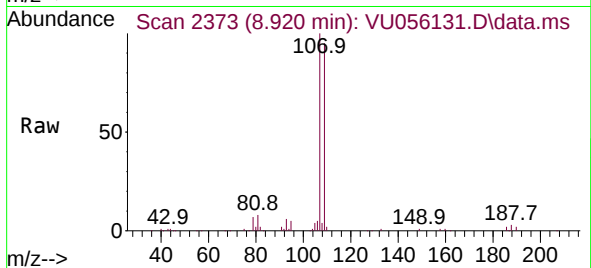
Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	89945
Ion	Ratio	Lower	Upper
107	100		
109	94.6	66.9	124.3
188	3.3	2.5	3.7



#51

Chlorobenzene

Concen: 5.040 ug/L

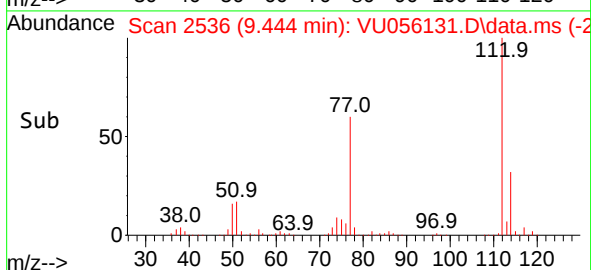
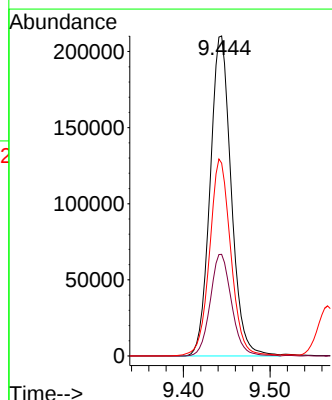
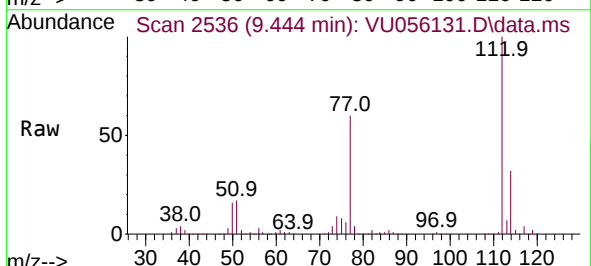
RT: 9.444 min Scan# 2536

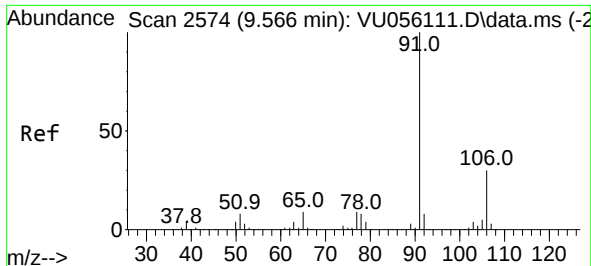
Delta R.T. -0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Tgt Ion:	112	Resp:	355992
Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.8	40.4
77	60.2	48.2	72.4

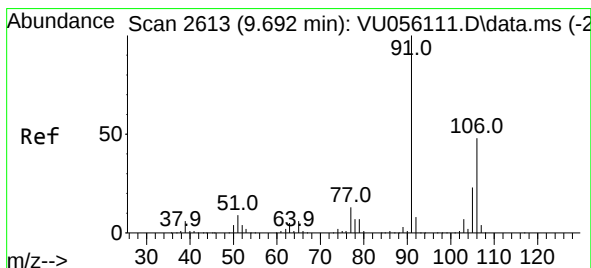
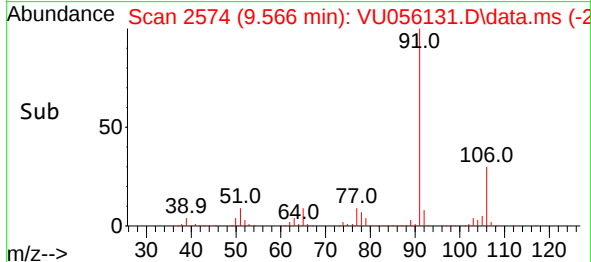
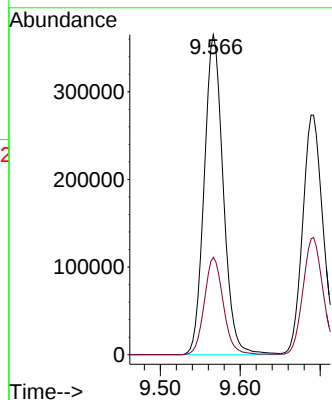
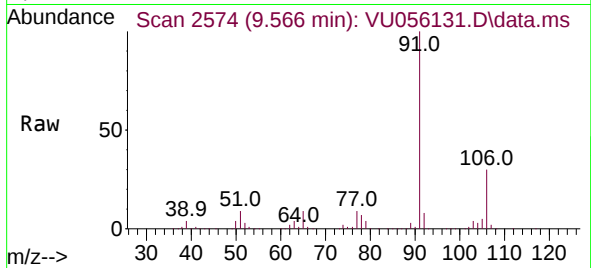




#52
Ethylbenzene
Concen: 5.082 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

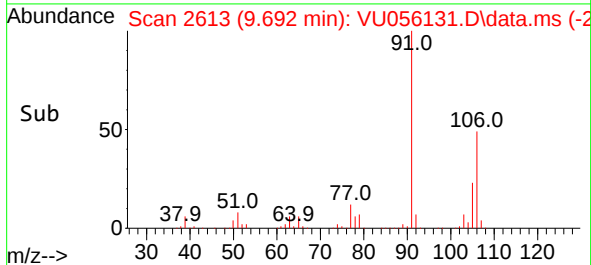
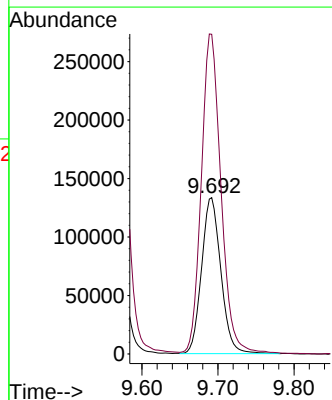
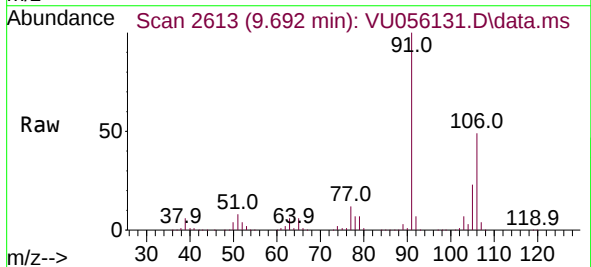
Instrument :
MSVOA_U
ClientSampleId :

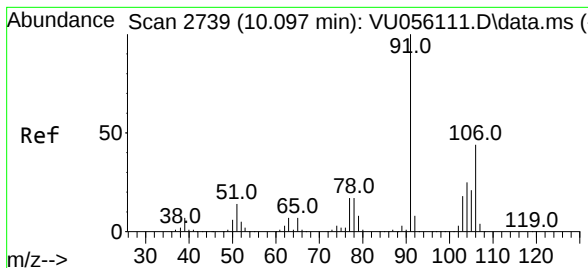
Tgt Ion: 91 Resp: 606283
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 5.168 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Tgt Ion: 106 Resp: 234461
Ion Ratio Lower Upper
106 100
91 204.4 144.9 269.1

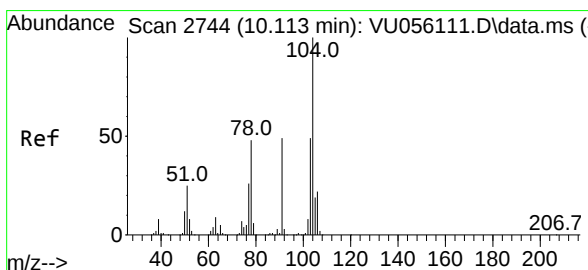
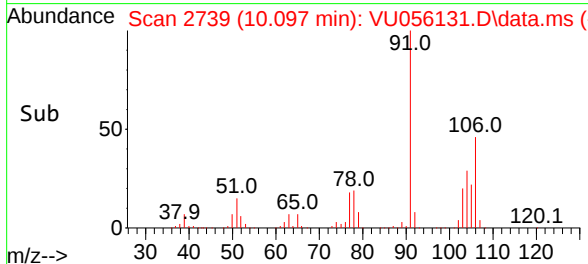
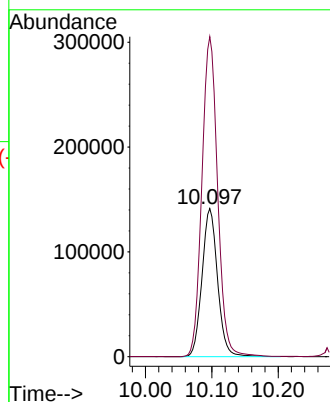
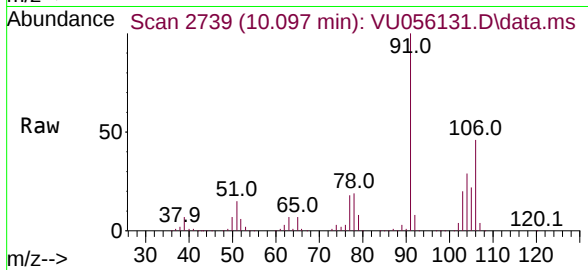




#54
o-Xylene
Concen: 5.293 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

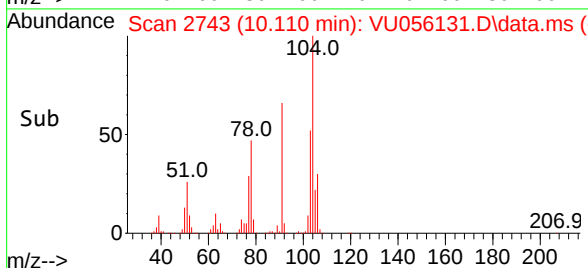
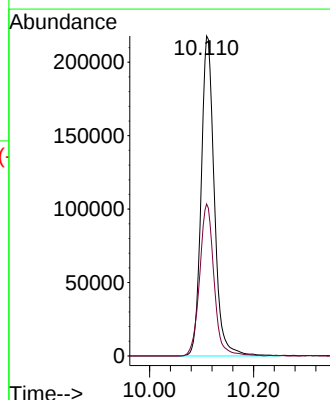
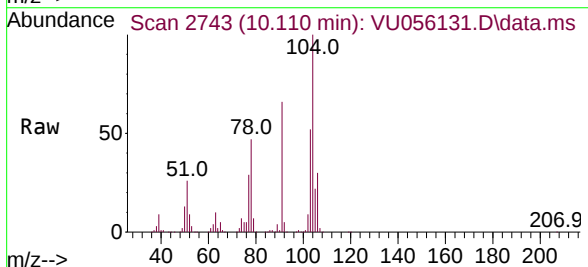
Instrument :
MSVOA_U
ClientSampleId :

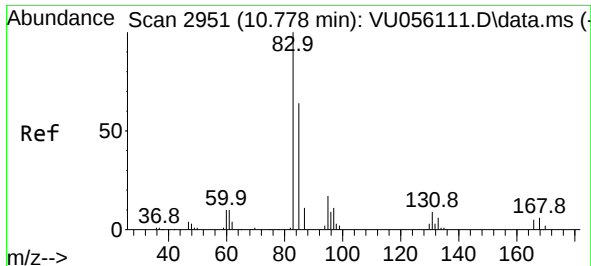
Tgt Ion:106 Resp: 230206
Ion Ratio Lower Upper
106 100
91 216.1 158.2 293.8



#55
Styrene
Concen: 5.388 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Tgt Ion:104 Resp: 383398
Ion Ratio Lower Upper
104 100
78 47.5 33.5 62.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.094 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

ClientSampleId :

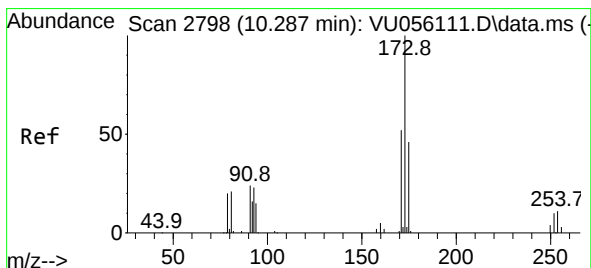
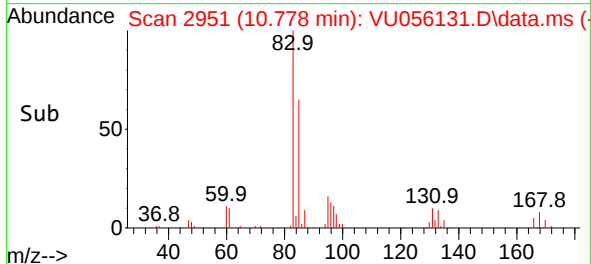
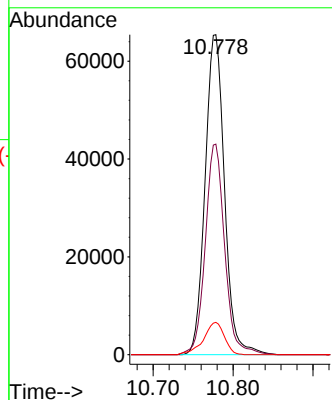
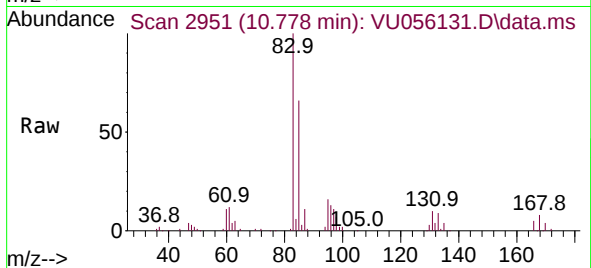
Tgt Ion: 83 Resp: 110500

Ion Ratio Lower Upper

83 100

85 65.8 44.0 81.8

131 10.1 7.4 11.2



#59

Bromoform

Concen: 4.989 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

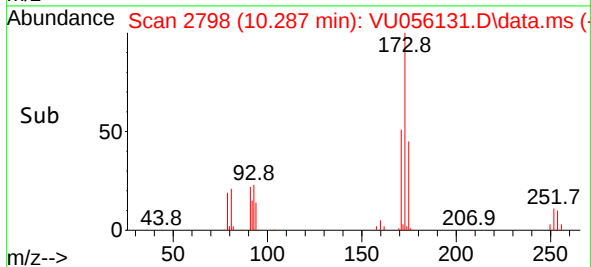
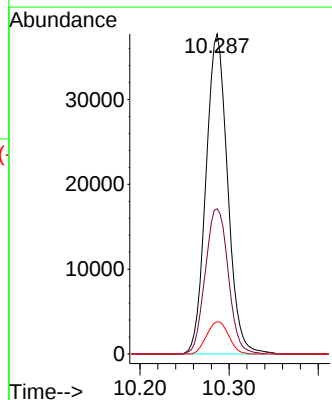
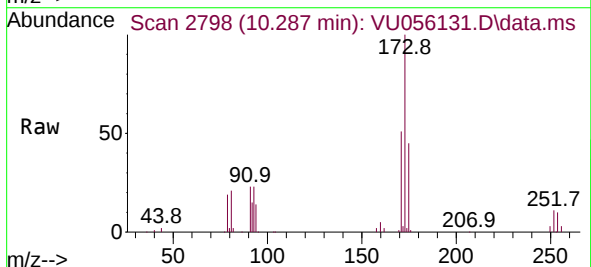
Tgt Ion:173 Resp: 63618

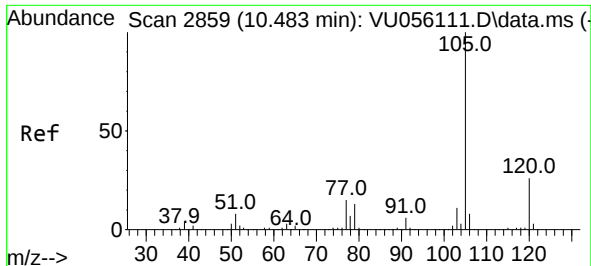
Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.4

254 10.2 8.2 12.2

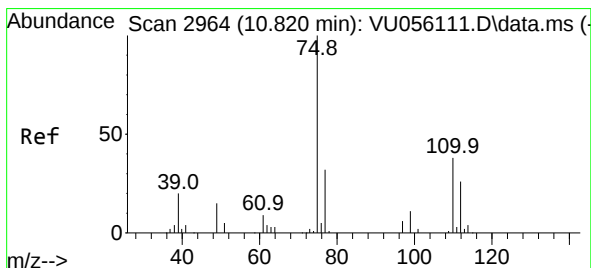
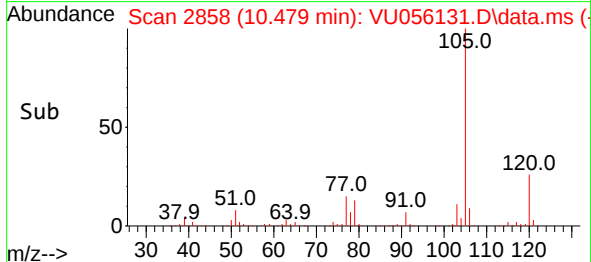
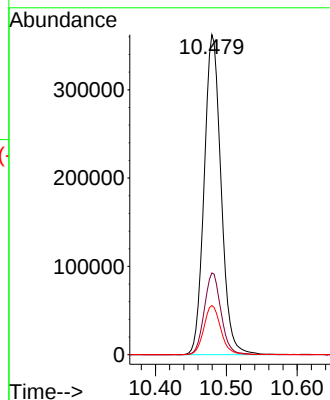
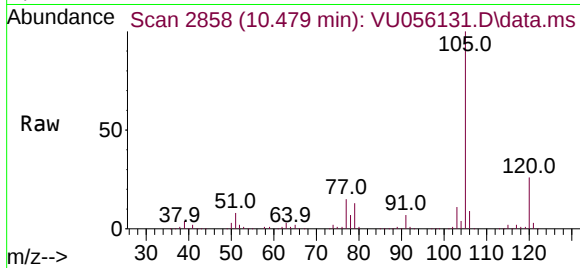




#60
Isopropylbenzene
Concen: 5.042 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.003 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

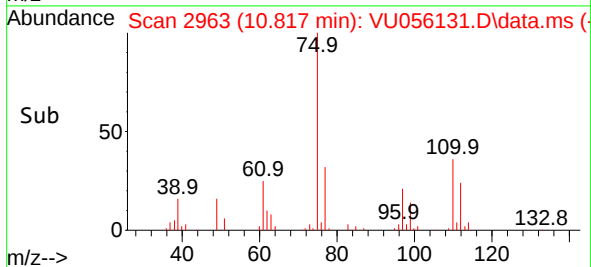
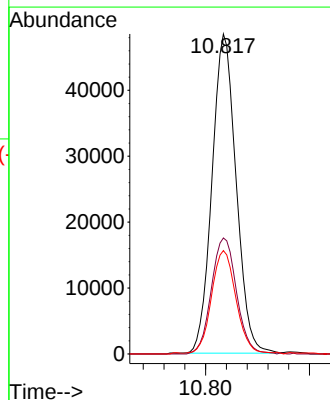
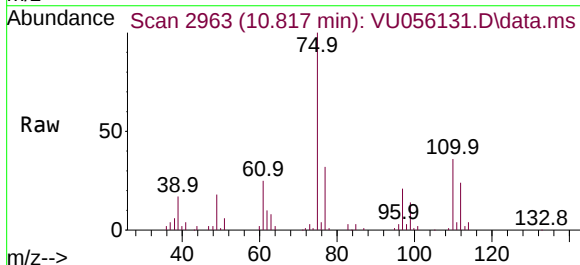
Instrument :
MSVOA_U
ClientSampleId :

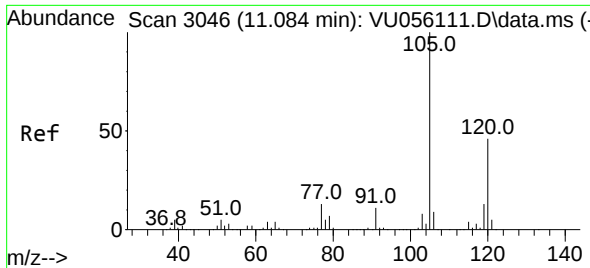
Tgt Ion:105 Resp: 600200
Ion Ratio Lower Upper
105 100
120 25.4 20.6 30.8
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.920 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

Tgt Ion: 75 Resp: 77969
Ion Ratio Lower Upper
75 100
110 37.9 29.7 44.5
77 33.2 25.5 38.3

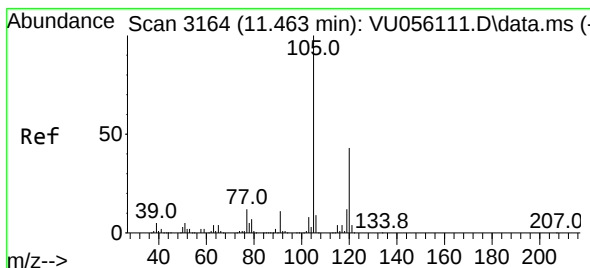
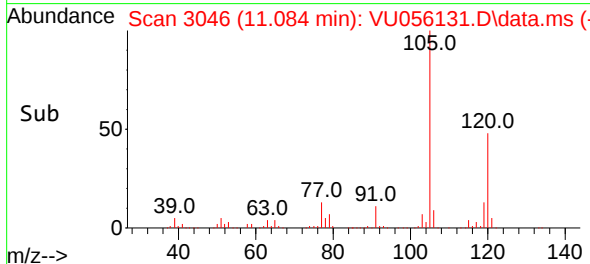
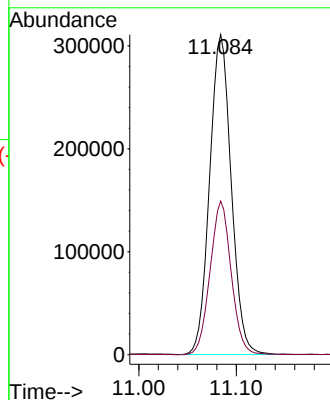
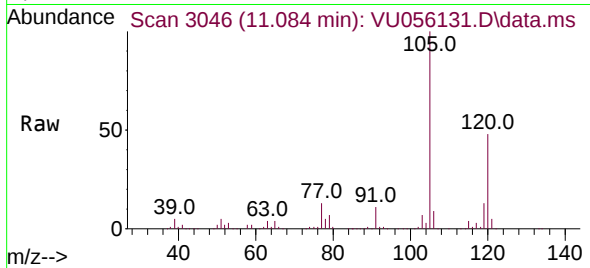




#62
 1,3,5-Trimethylbenzene
 Concen: 4.957 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU056131.D
 Acq: 08 Nov 2023 18:06

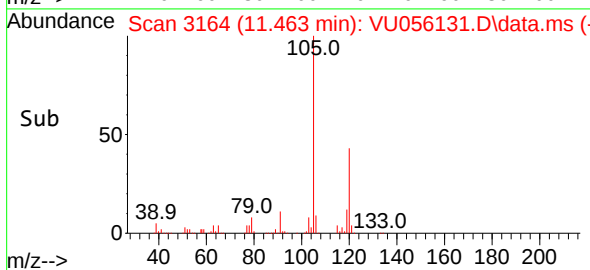
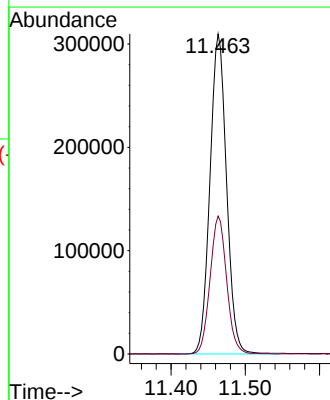
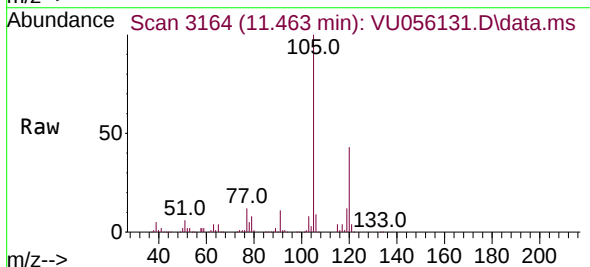
Instrument :
 MSVOA_U
 ClientSampleId :

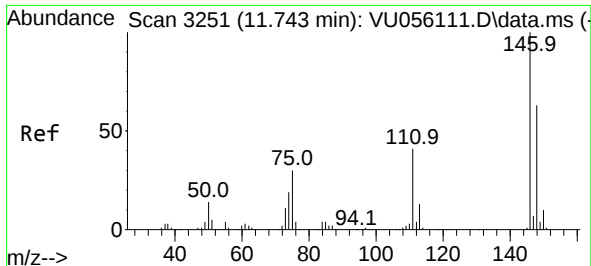
Tgt Ion:105 Resp: 478571
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.057 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU056131.D
 Acq: 08 Nov 2023 18:06

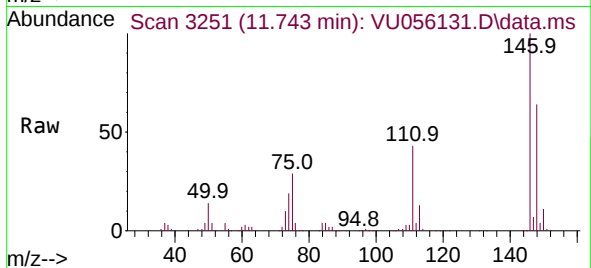
Tgt Ion:105 Resp: 478933
 Ion Ratio Lower Upper
 105 100
 120 43.1 35.4 53.0



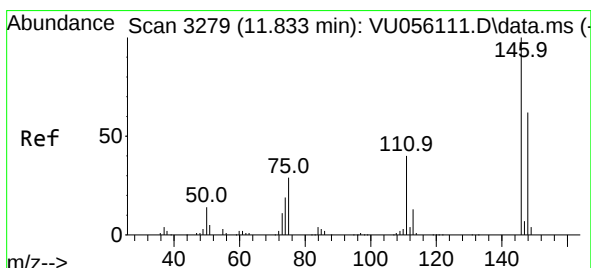
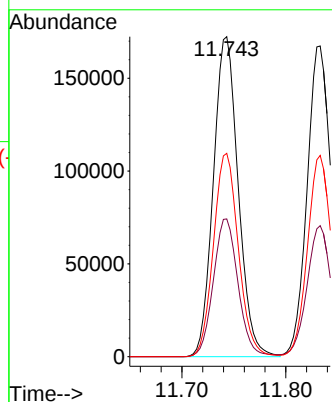
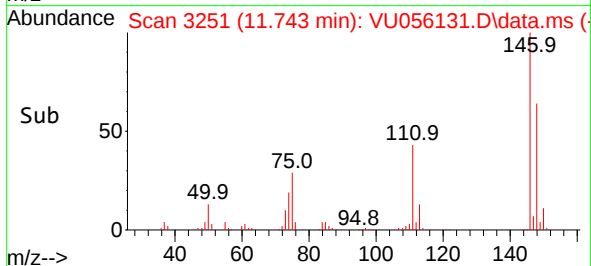


#64
1,3-Dichlorobenzene
Concen: 5.080 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06

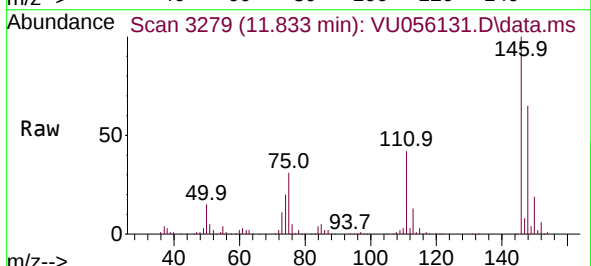
Instrument :
MSVOA_U
ClientSampleId :



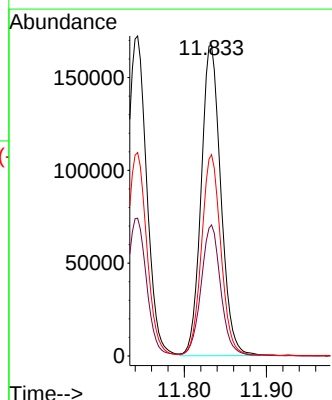
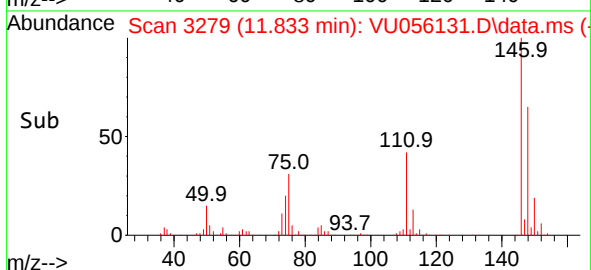
Tgt Ion:146 Resp: 286412
Ion Ratio Lower Upper
146 100
111 43.1 29.7 55.1
148 63.5 44.7 83.1

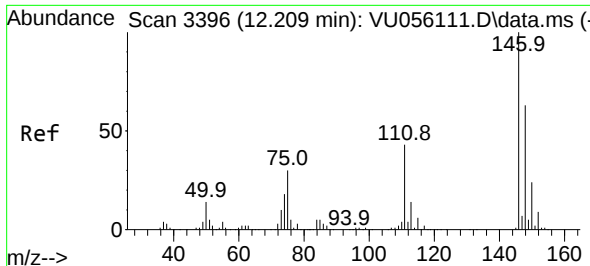


#65
1,4-Dichlorobenzene
Concen: 5.004 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056131.D
Acq: 08 Nov 2023 18:06



Tgt Ion:146 Resp: 278984
Ion Ratio Lower Upper
146 100
111 42.2 29.0 53.8
148 64.8 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 5.009 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

ClientSampleId :

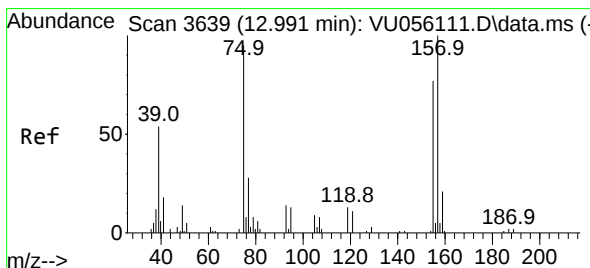
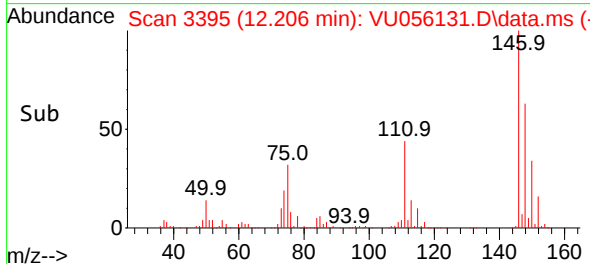
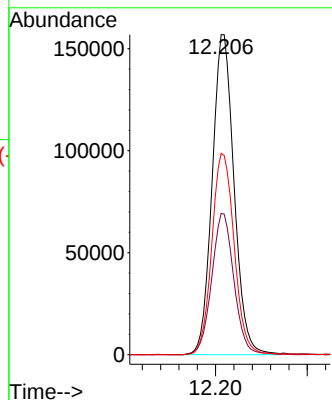
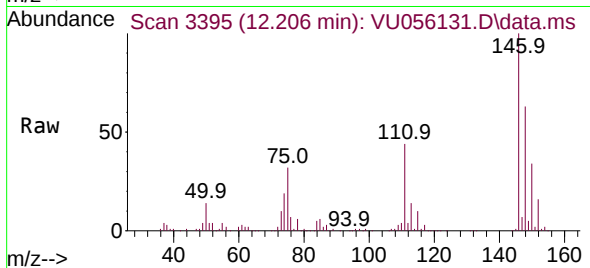
Tgt Ion:146 Resp: 260266

Ion Ratio Lower Upper

146 100

111 44.1 35.2 52.8

148 62.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.983 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

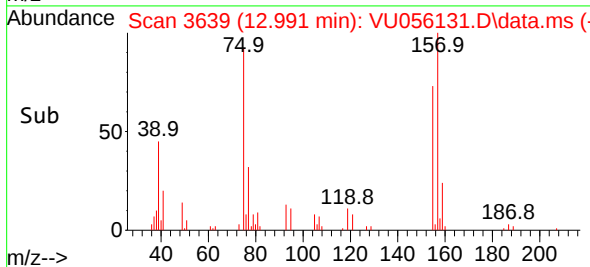
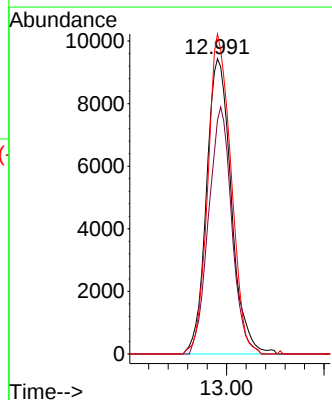
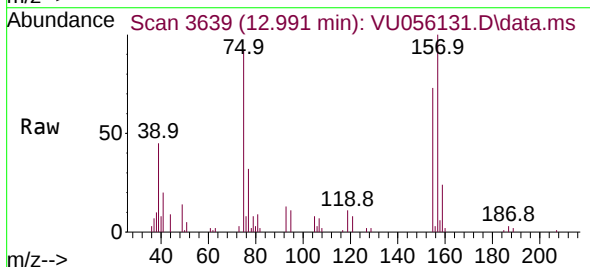
Tgt Ion: 75 Resp: 16657

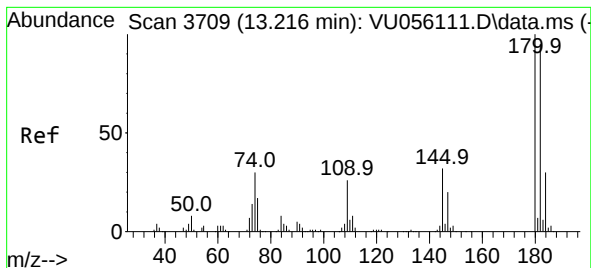
Ion Ratio Lower Upper

75 100

155 79.2 63.3 94.9

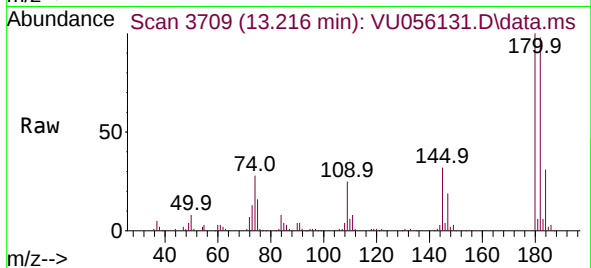
157 108.4 79.1 118.7



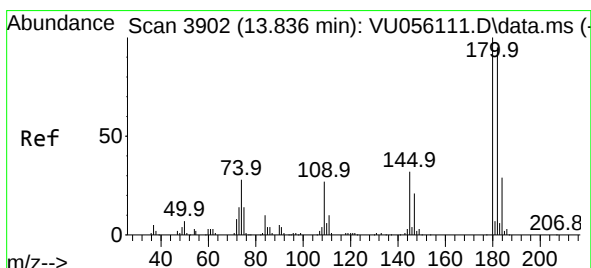
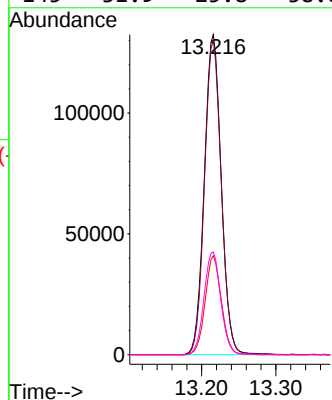
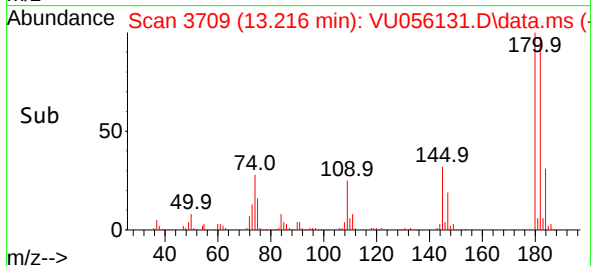


#69
 1,3,5-Trichlorobenzene
 Concen: 4.971 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU056131.D
 Acq: 08 Nov 2023 18:06

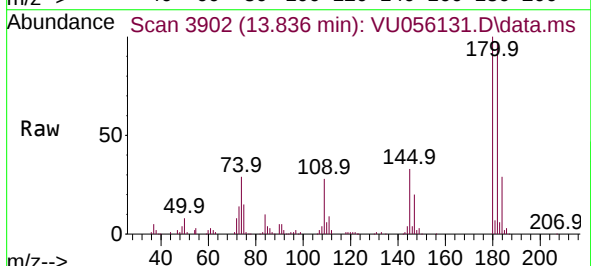
Instrument :
 MSVOA_U
 ClientSampleId :



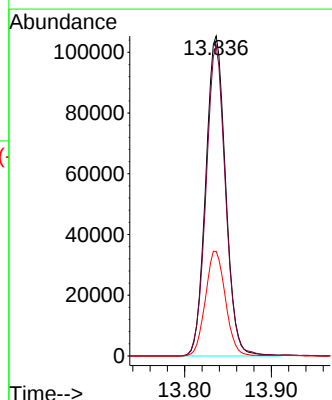
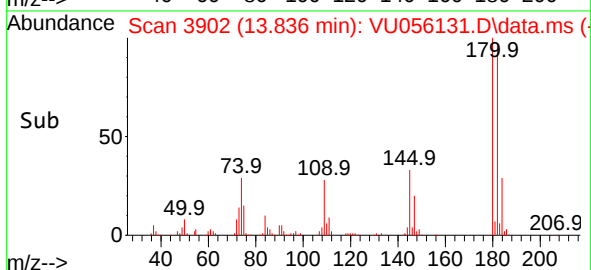
Tgt Ion:180 Resp: 209905
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.0 114.0
 184 29.6 24.0 36.0
 145 31.9 25.8 38.8

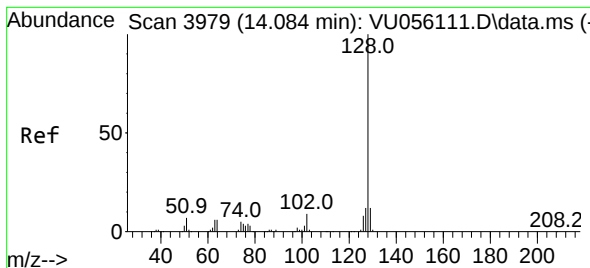


#70
 1,2,4-trichlorobenzene
 Concen: 5.002 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056131.D
 Acq: 08 Nov 2023 18:06



Tgt Ion:180 Resp: 167581
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.4 116.2
 145 33.1 25.9 38.9





#71

Naphthalene

Concen: 5.004 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Instrument :

MSVOA_U

ClientSampleId :

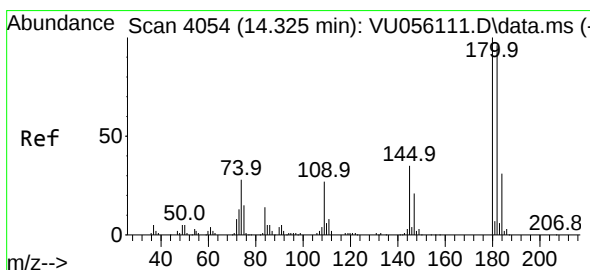
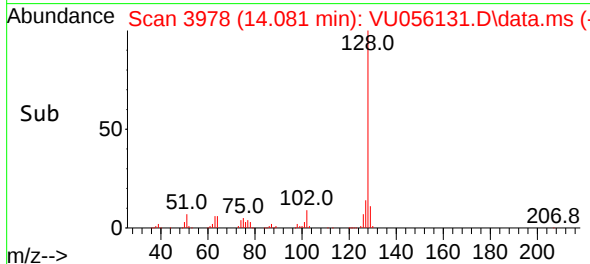
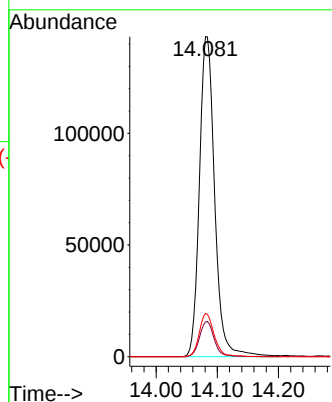
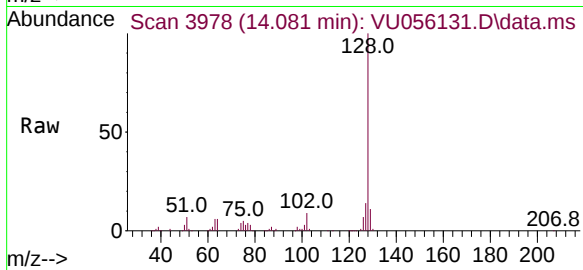
Tgt Ion:128 Resp: 248638

Ion Ratio Lower Upper

128 100

129 10.5 8.4 12.6

127 13.1 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.058 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU056131.D

Acq: 08 Nov 2023 18:06

Tgt Ion:180 Resp: 148554

Ion Ratio Lower Upper

180 100

182 96.0 76.6 115.0

145 34.4 28.0 42.0

