

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055544.D
 Acq On : 27 Sep 2023 03:08
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:38:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	258342	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	266130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	155629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	95451	3.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.911	69	67472	2.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.600%#
11) 1,1-Dichloroethene-d2	2.563	65	45039	4.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.627	46	198880	42.170	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.340%
24) Chloroform-d	5.058	84	199217	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.698	65	91142	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	5.724	84	399727	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.688	67	122256	4.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.894	98	366235	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	43674	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.631	63	128152	43.166	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.340%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93631	4.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	134624	4.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	123752	4.920	ug/L	99
3) Chloromethane	1.515	50	103263	4.667	ug/L	100
5) Vinyl chloride	1.602	62	112276	4.703	ug/L	97
6) Bromomethane	1.856	94	47226	3.115	ug/L	98
8) Chloroethane	1.930	64	56648	3.637	ug/L	96
9) Trichlorofluoromethane	2.136	101	150694	4.552	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	104378	5.182	ug/L	96
12) 1,1-Dichloroethene	2.576	96	96282	5.330	ug/L	89
13) Acetone	2.637	43	128038	47.627	ug/L	96
14) Carbon disulfide	2.792	76	305382	5.624	ug/L	99
15) Methyl Acetate	2.949	43	39175	6.391	ug/L	96
16) Methylene chloride	3.039	84	137200	6.340	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	212534	5.424	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	98236	5.396	ug/L	98
19) 1,1-Dichloroethane	3.865	63	181831	5.401	ug/L	97
21) 2-Butanone	4.708	43	210408	53.363	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	115656	5.479	ug/L	98
23) Bromochloromethane	4.972	128	50016	5.606	ug/L	97
25) Chloroform	5.084	83	196067	5.500	ug/L	99

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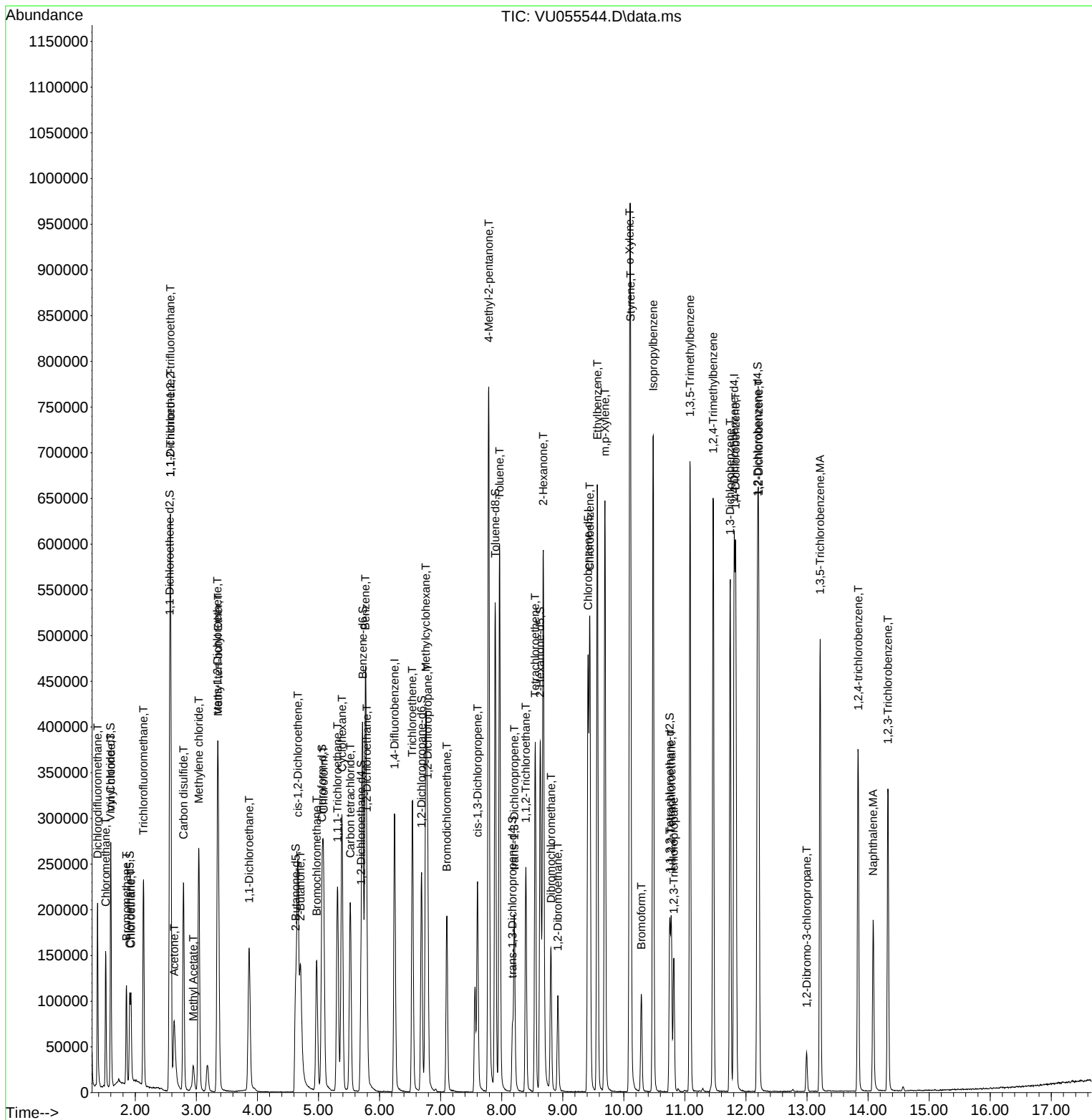
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 ClientSampleId :

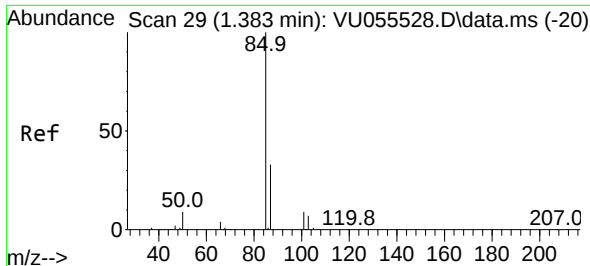
Quant Time: Sep 27 06:38:48 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	110061	5.034	ug/L	# 92
29) 1,1,1-Trichloroethane	5.312	97	170593	5.623	ug/L	97
30) Cyclohexane	5.386	56	149760	5.392	ug/L	100
31) Carbon tetrachloride	5.521	117	146435	5.631	ug/L	97
33) Benzene	5.769	78	425679	5.557	ug/L	100
34) Trichloroethene	6.537	95	115370	5.325	ug/L	96
35) Methylcyclohexane	6.759	83	157698	5.053	ug/L	97
37) 1,2-Dichloropropane	6.788	63	106240	5.303	ug/L	98
38) Bromodichloromethane	7.103	83	131828	5.616	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	147989	5.535	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	493689	54.329	ug/L	96
42) Toluene	7.965	91	451025	5.520	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	118053	5.519	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	78895	5.617	ug/L	99
47) Tetrachloroethene	8.550	164	89291	5.745	ug/L	98
48) 2-Hexanone	8.682	43	365355	51.878	ug/L	96
49) Dibromochloromethane	8.807	129	86171	5.853	ug/L	94
50) 1,2-Dibromoethane	8.920	107	73748	5.658	ug/L	96
51) Chlorobenzene	9.444	112	283786	5.423	ug/L	97
52) Ethylbenzene	9.566	91	485520	5.543	ug/L	97
53) m,p-Xylene	9.692	106	185903	5.664	ug/L	98
54) o-Xylene	10.097	106	181014	5.672	ug/L	98
55) Styrene	10.113	104	303568	5.883	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	92475	5.832	ug/L	99
59) Bromoform	10.286	173	50956	6.109	ug/L	98
60) Isopropylbenzene	10.483	105	485950	5.418	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	65162	5.364	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	388251	5.413	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	375071	5.342	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	235197	5.477	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	228538	5.325	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	218283	5.544	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11994	5.696	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	159919	5.408	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	119857	5.316	ug/L	99
71) Naphthalene	14.084	128	158223	4.847	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	105324	5.369	ug/L	99

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

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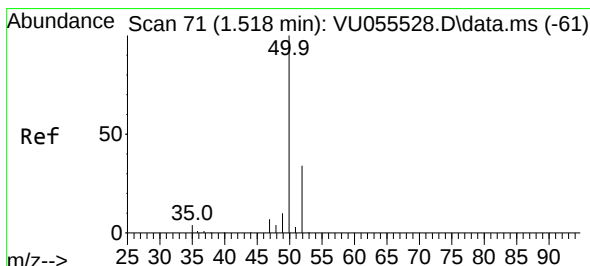
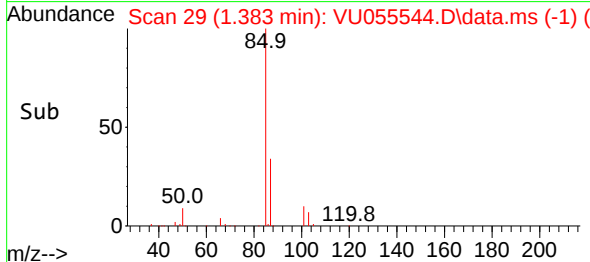
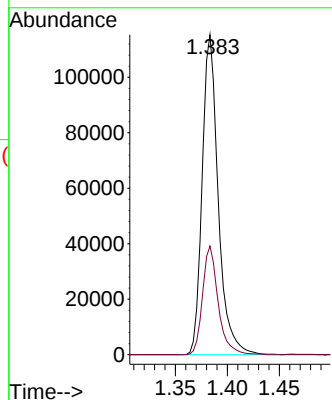
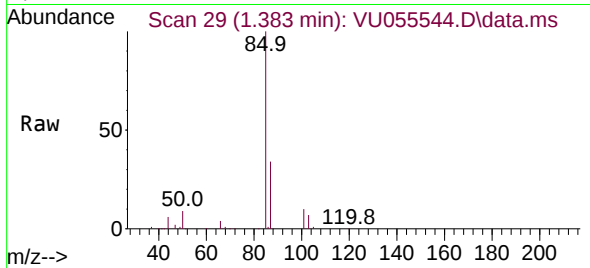




#2
Dichlorodifluoromethane
Concen: 4.920 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

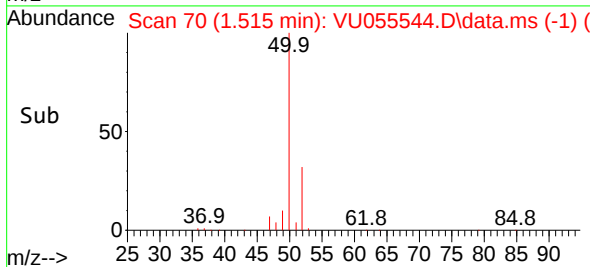
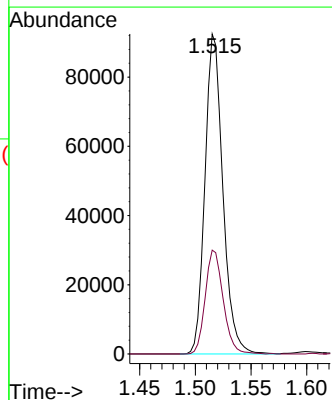
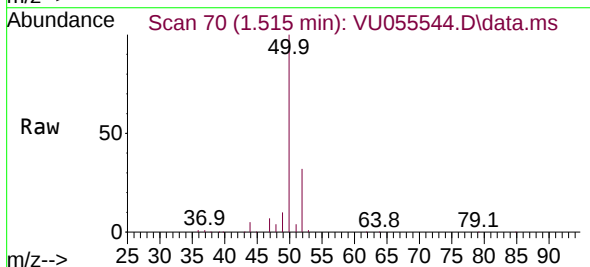
Instrument :
MSVOA_U
ClientSampleId :

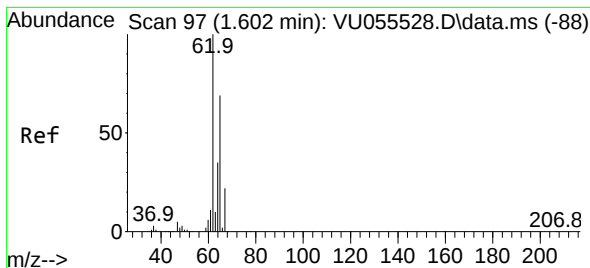
Tgt Ion: 85 Resp: 123752
Ion Ratio Lower Upper
85 100
87 33.0 26.0 39.0



#3
Chloromethane
Concen: 4.667 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Tgt Ion: 50 Resp: 103263
Ion Ratio Lower Upper
50 100
52 32.4 22.9 42.5





#5

Vinyl chloride

Concen: 4.703 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

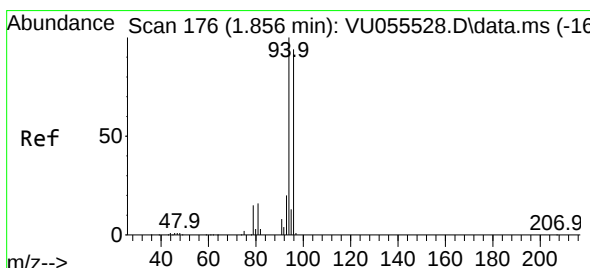
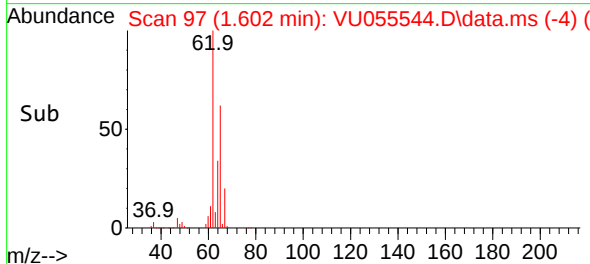
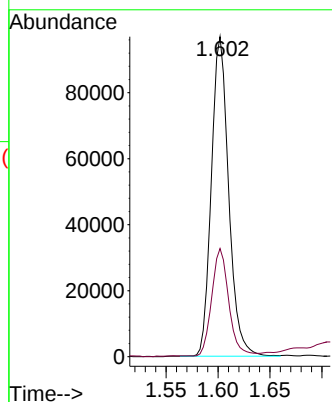
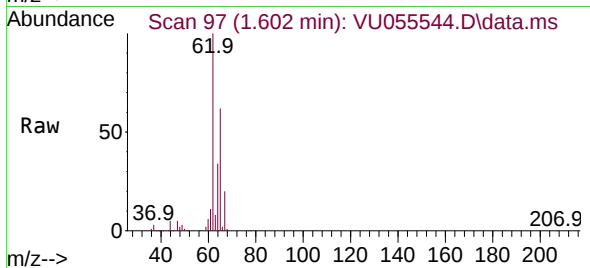
ClientSampleId :

Tgt Ion: 62 Resp: 112276

Ion Ratio Lower Upper

62 100

64 33.8 22.3 41.5



#6

Bromomethane

Concen: 3.115 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU055544.D

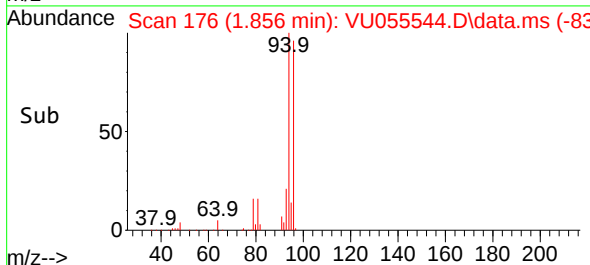
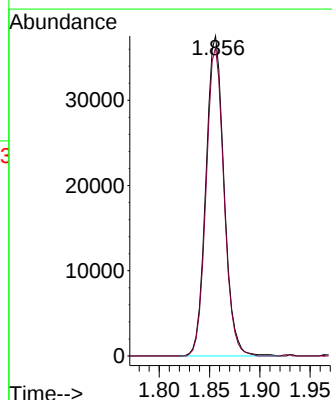
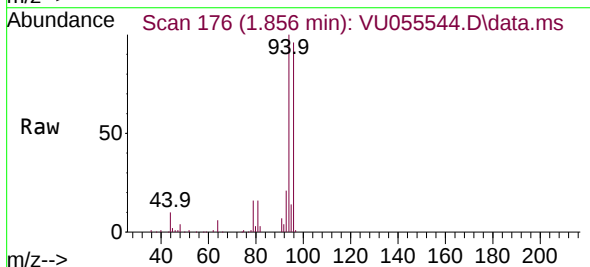
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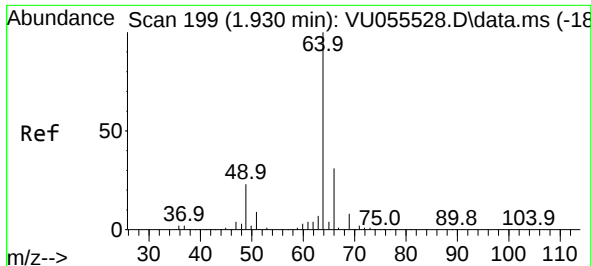
Tgt Ion: 94 Resp: 47226

Ion Ratio Lower Upper

94 100

96 96.4 66.4 123.2

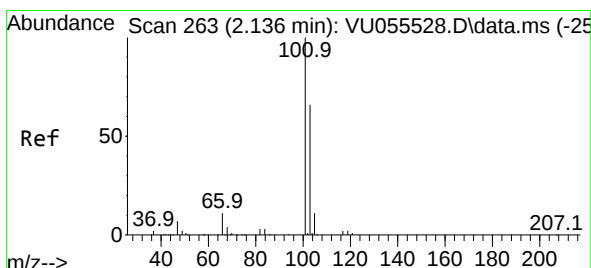
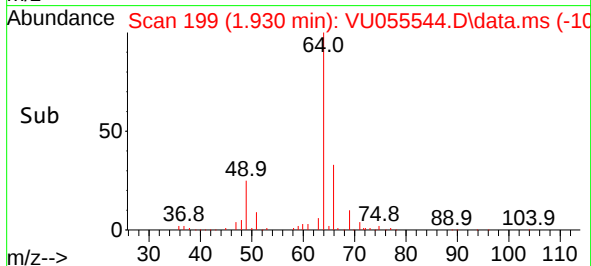
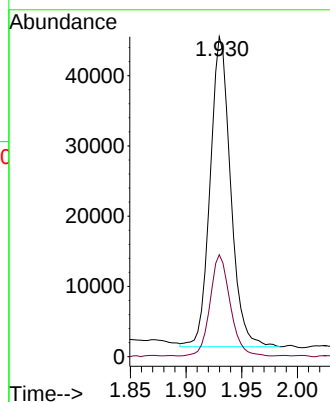
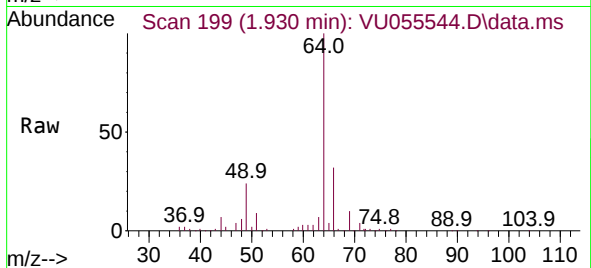




#8
Chloroethane
Concen: 3.637 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

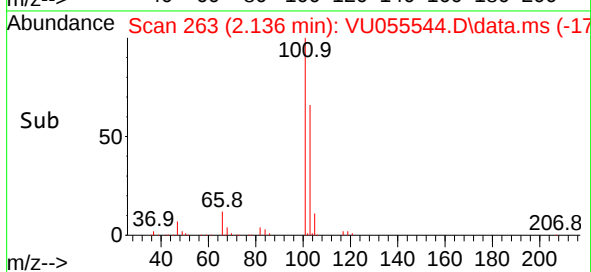
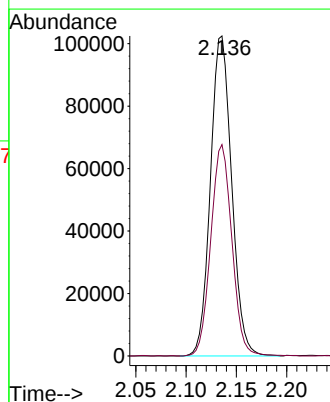
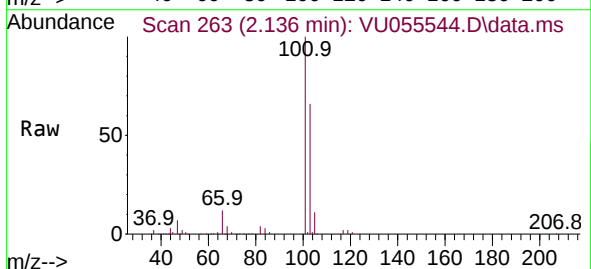
Instrument :
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ClientSampleId :

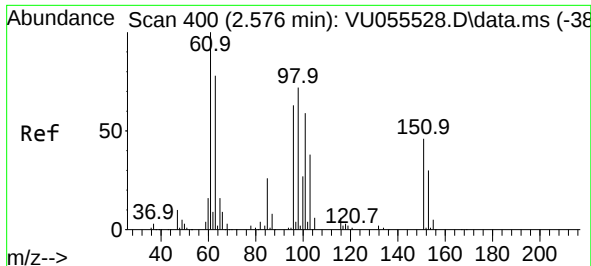
Tgt Ion: 64 Resp: 56648
Ion Ratio Lower Upper
64 100
66 31.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 4.552 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Tgt Ion:101 Resp: 150694
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0

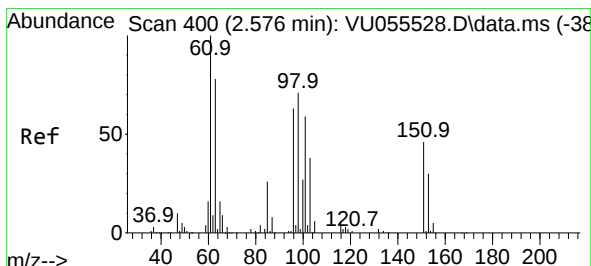
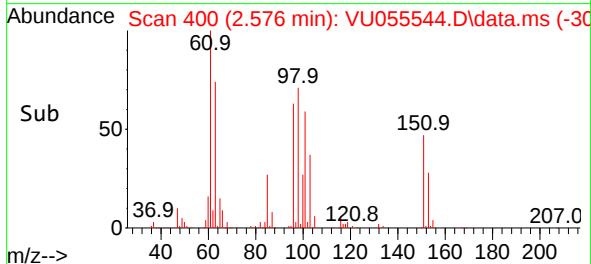
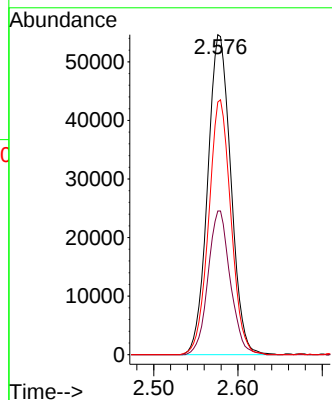
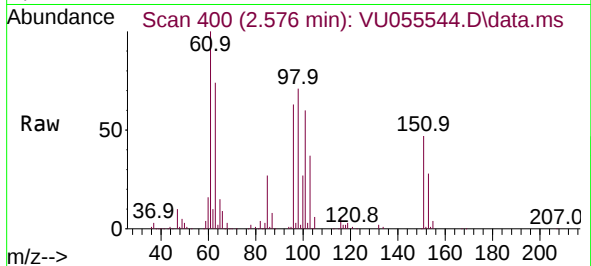




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.182 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055544.D
 Acq: 27 Sep 2023 03:08

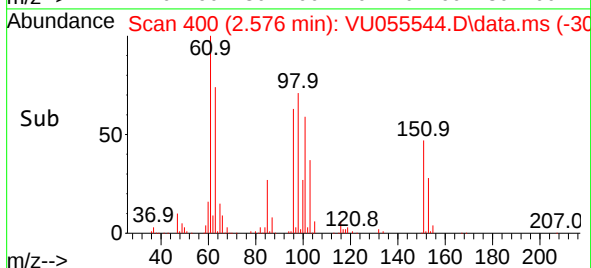
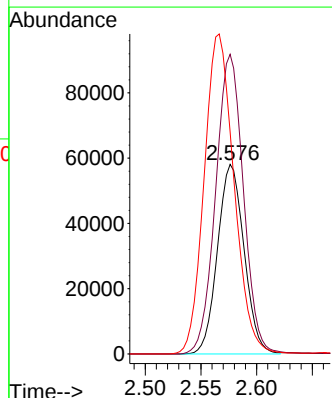
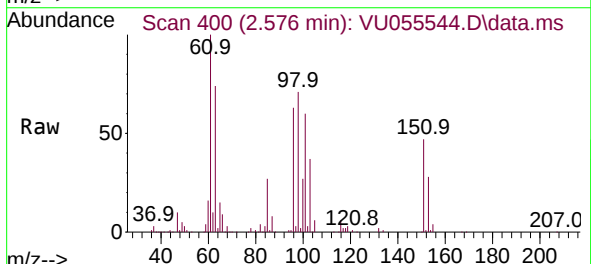
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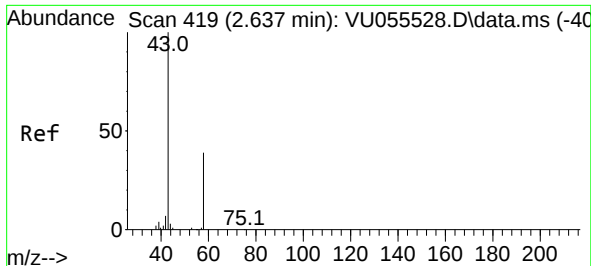
Tgt Ion:101 Resp: 104378
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.8 53.6
 151 76.6 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 5.330 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055544.D
 Acq: 27 Sep 2023 03:08

Tgt Ion: 96 Resp: 96282
 Ion Ratio Lower Upper
 96 100
 61 158.1 114.5 212.7
 63 117.1 98.3 182.5





#13

Acetone

Concen: 47.627 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

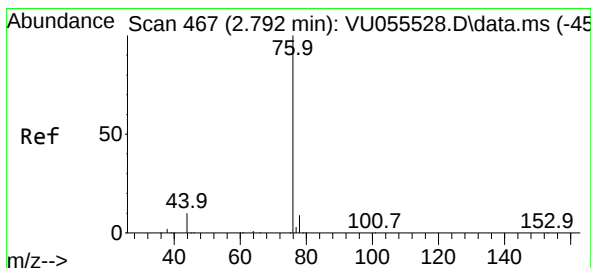
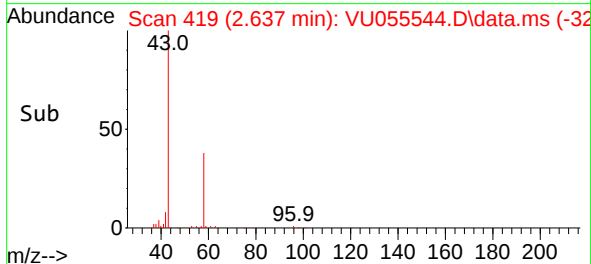
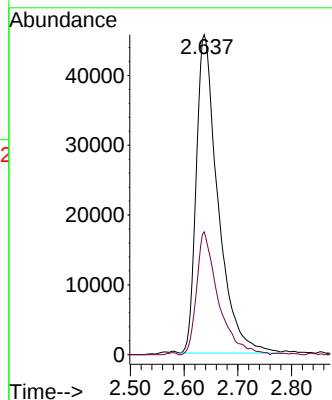
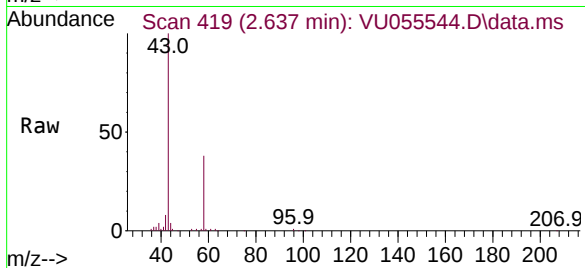
ClientSampleId :

Tgt Ion: 43 Resp: 128038

Ion Ratio Lower Upper

43 100

58 38.3 0.0 72.2



#14

Carbon disulfide

Concen: 5.624 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055544.D

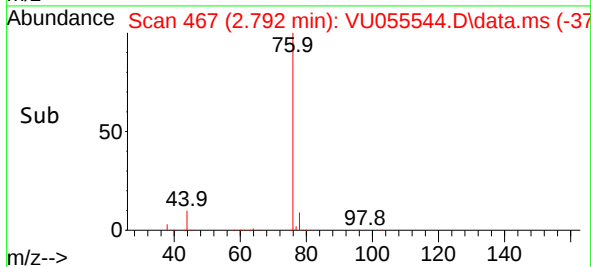
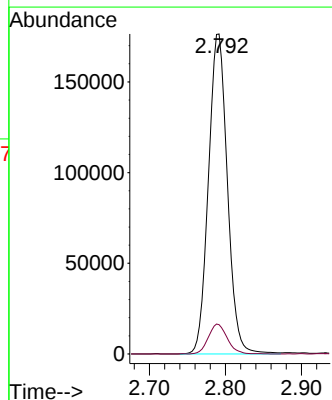
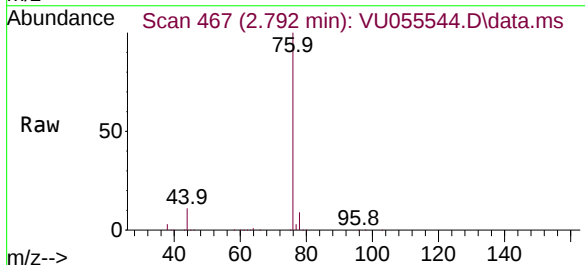
Acq: 27 Sep 2023 03:08

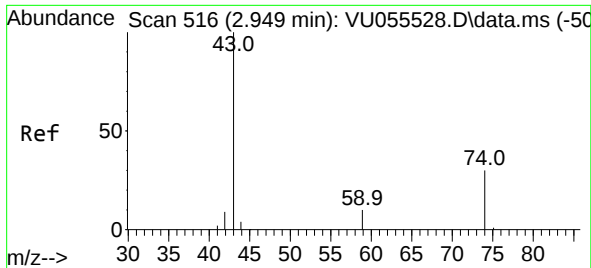
Tgt Ion: 76 Resp: 305382

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

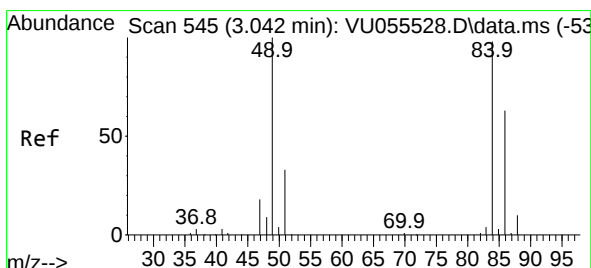
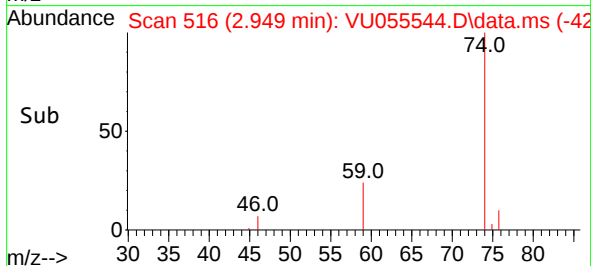
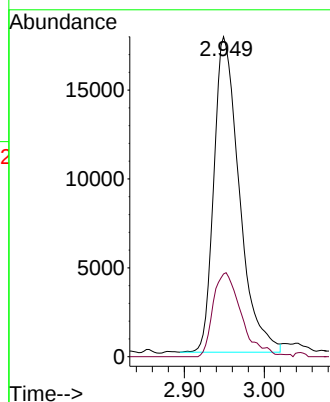
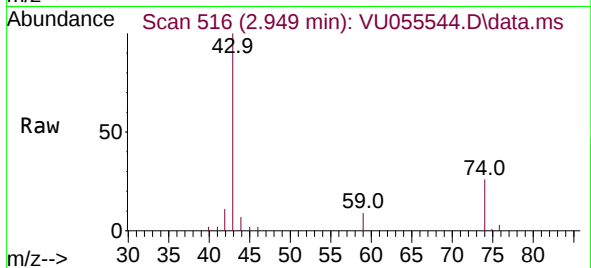




#15
Methyl Acetate
Concen: 6.391 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

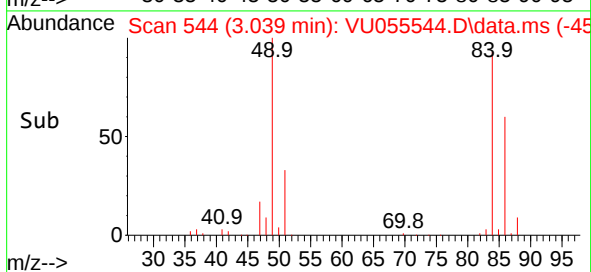
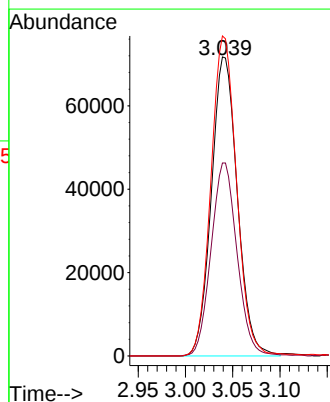
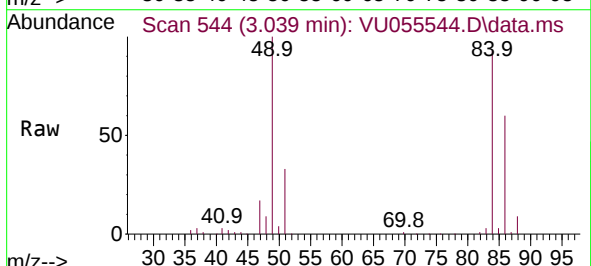
Instrument :
MSVOA_U
ClientSampleId :

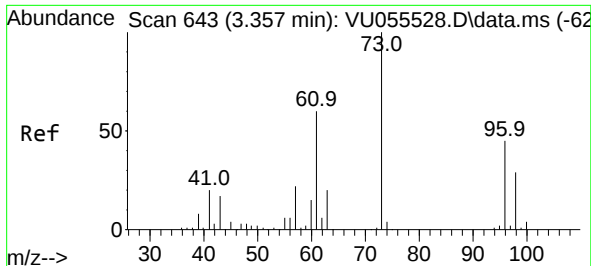
Tgt Ion: 43 Resp: 39175
Ion Ratio Lower Upper
43 100
74 29.7 22.3 33.5



#16
Methylene chloride
Concen: 6.340 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Tgt Ion: 84 Resp: 137200
Ion Ratio Lower Upper
84 100
86 64.5 44.9 83.3
49 107.0 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 5.424 ug/L

RT: 3.357 min Scan# 643

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

ClientSampleId :

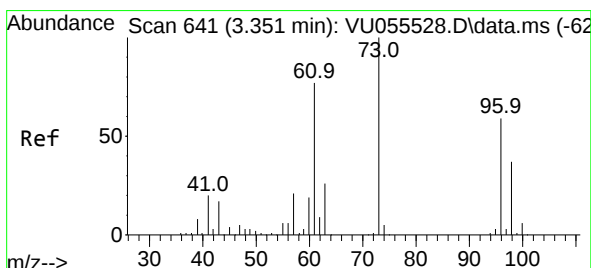
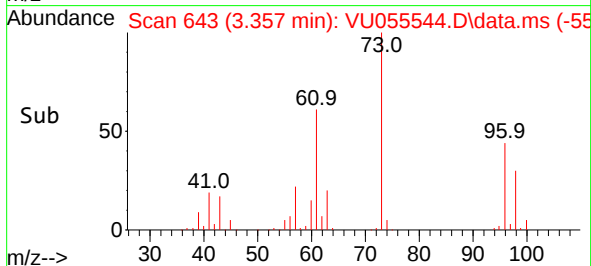
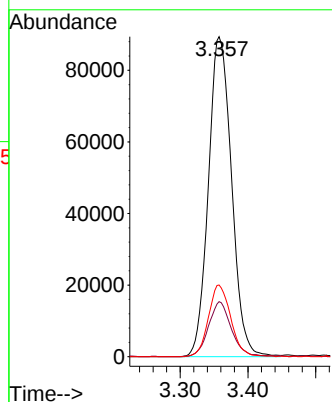
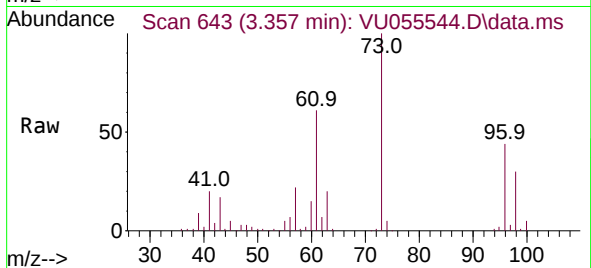
Tgt Ion: 73 Resp: 212534

Ion Ratio Lower Upper

73 100

43 16.9 14.9 22.3

57 21.5 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 5.396 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.003 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

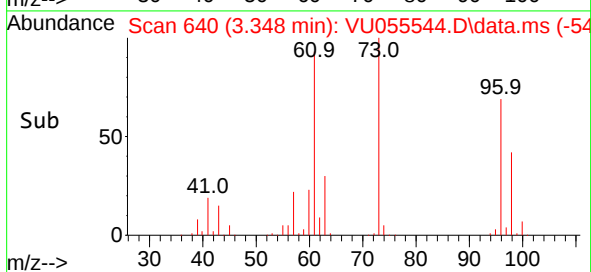
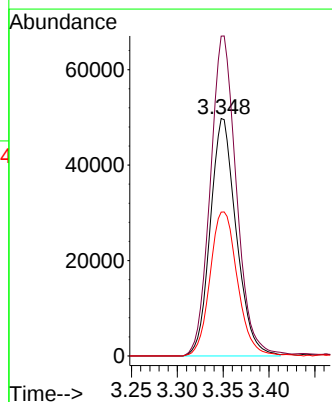
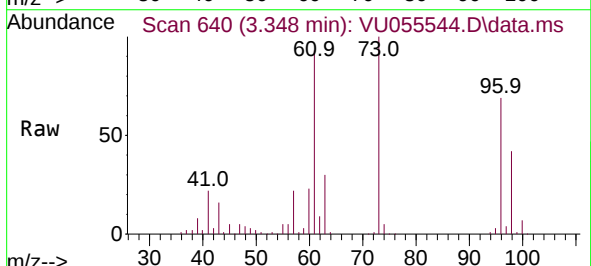
Tgt Ion: 96 Resp: 98236

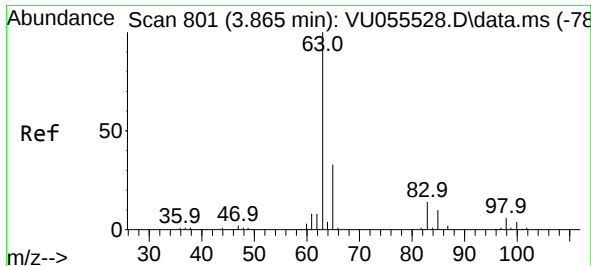
Ion Ratio Lower Upper

96 100

61 134.7 94.6 175.6

98 60.6 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.401 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

ClientSampleId :

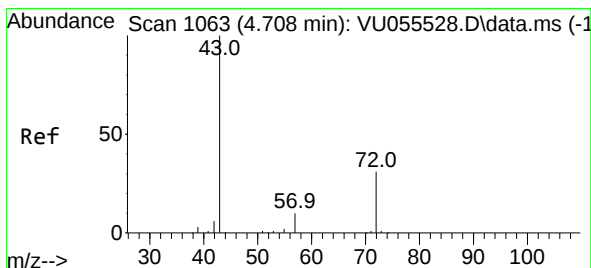
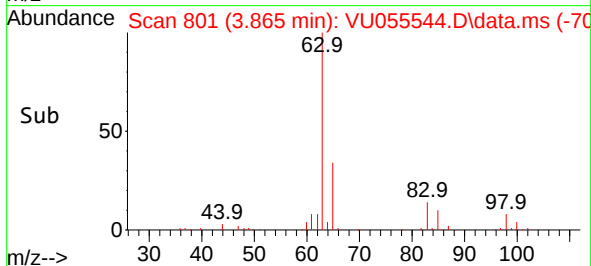
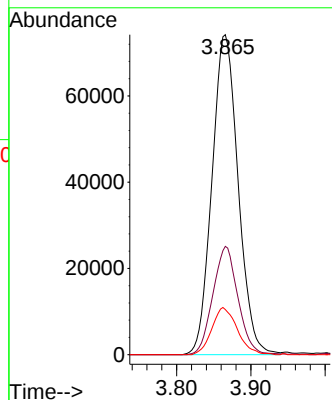
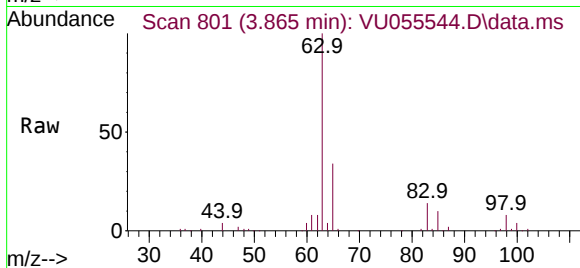
Tgt Ion: 63 Resp: 181831

Ion Ratio Lower Upper

63 100

65 33.8 22.0 41.0

83 14.1 10.1 18.9



#21

2-Butanone

Concen: 53.363 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VU055544.D

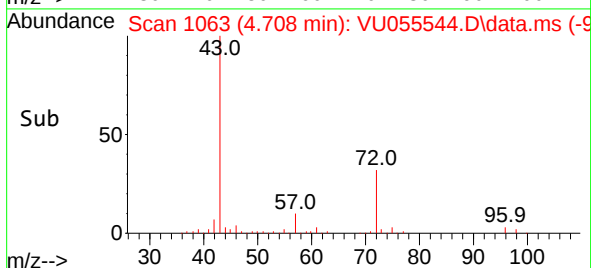
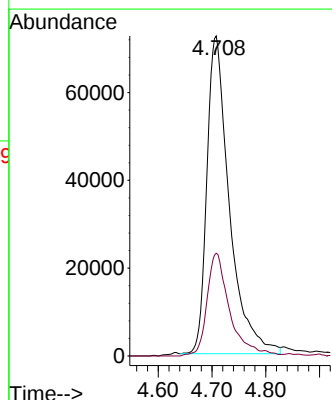
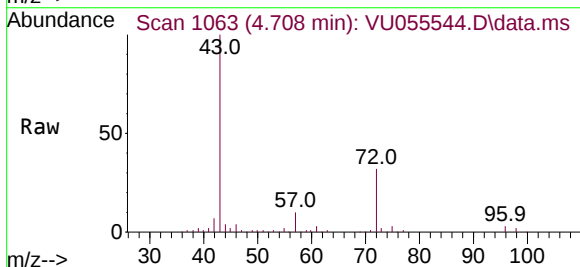
Acq: 27 Sep 2023 03:08

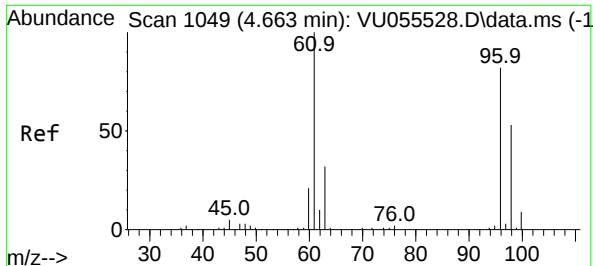
Tgt Ion: 43 Resp: 210408

Ion Ratio Lower Upper

43 100

72 31.9 15.1 45.3





#22

cis-1,2-Dichloroethene

Concen: 5.479 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

ClientSampleId :

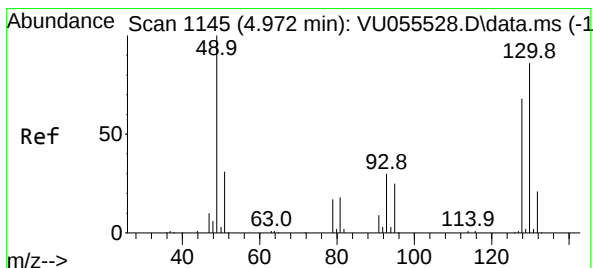
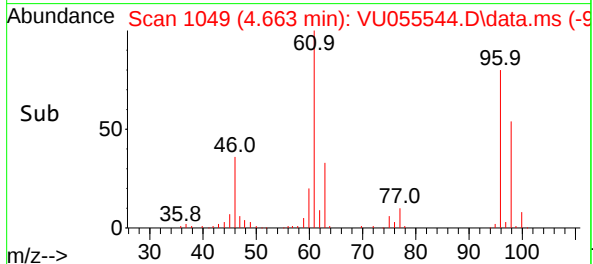
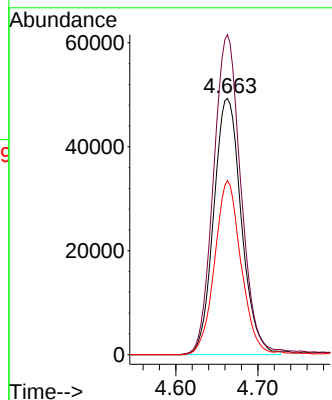
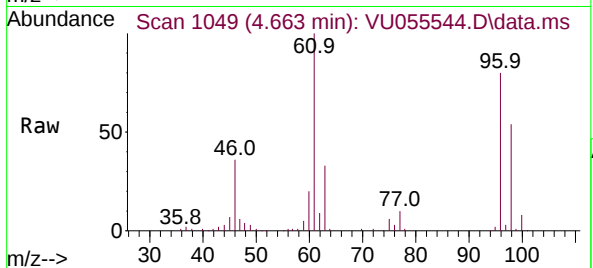
Tgt Ion: 96 Resp: 115656

Ion Ratio Lower Upper

96 100

61 124.8 87.8 163.2

98 67.9 44.4 82.4



#23

Bromochloromethane

Concen: 5.606 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Tgt Ion:128 Resp: 50016

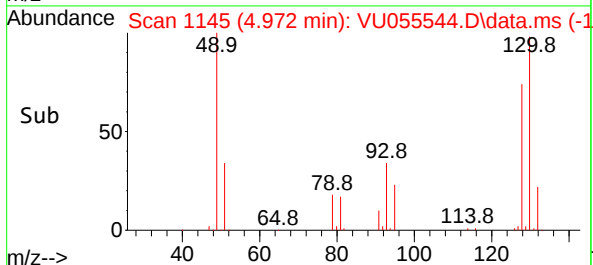
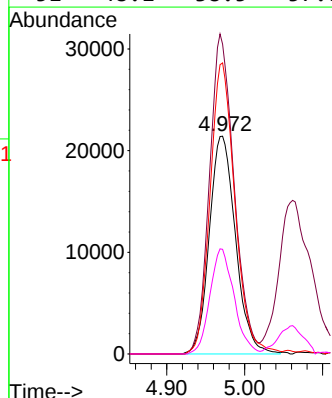
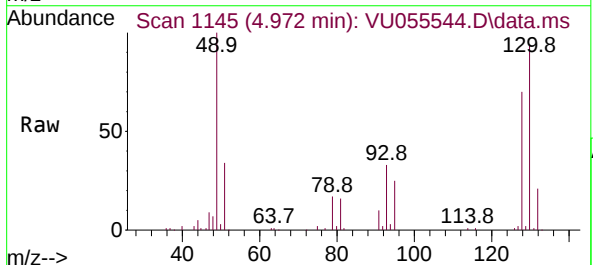
Ion Ratio Lower Upper

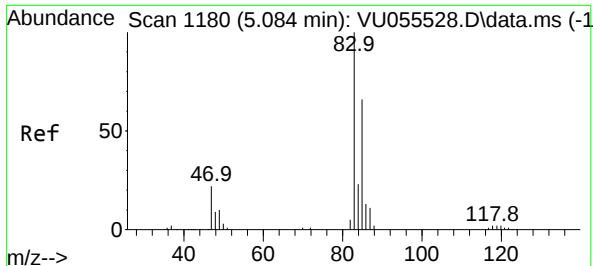
128 100

49 142.3 102.8 191.0

130 133.6 89.9 166.9

51 48.1 38.5 57.7





#25

Chloroform

Concen: 5.500 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

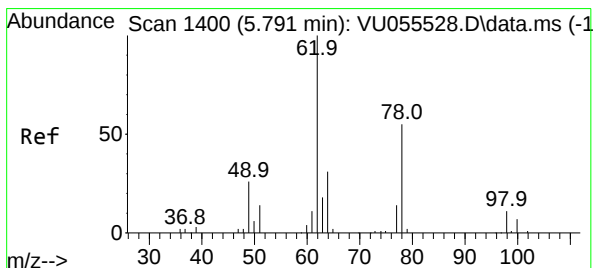
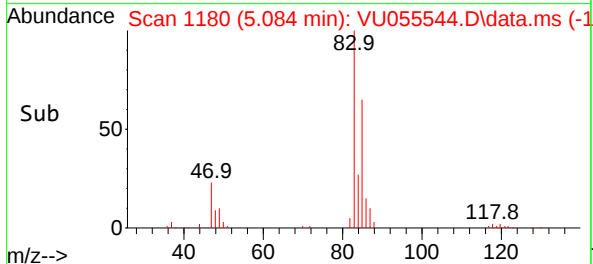
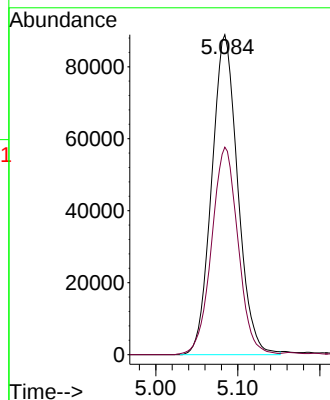
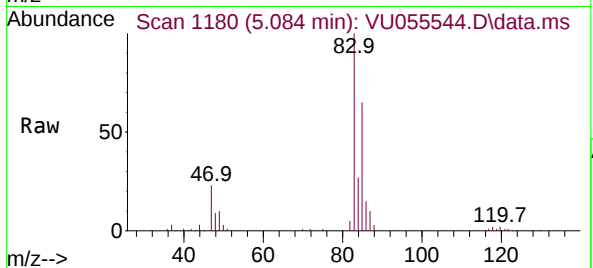
ClientSampleId :

Tgt Ion: 83 Resp: 196067

Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.5



#27

1,2-Dichloroethane

Concen: 5.034 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055544.D

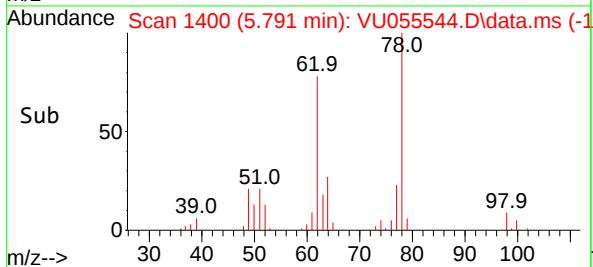
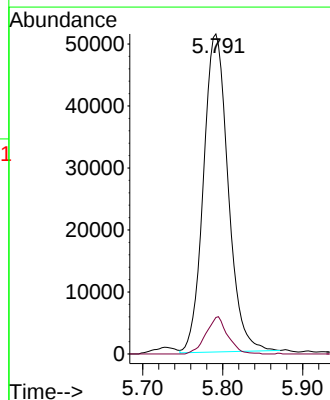
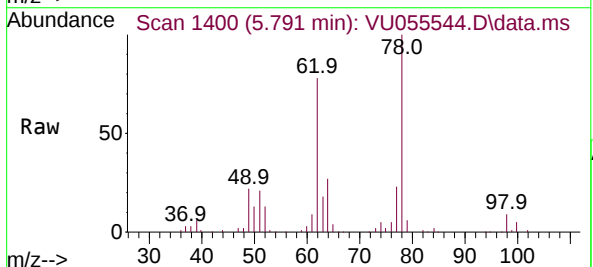
Acq: 27 Sep 2023 03:08

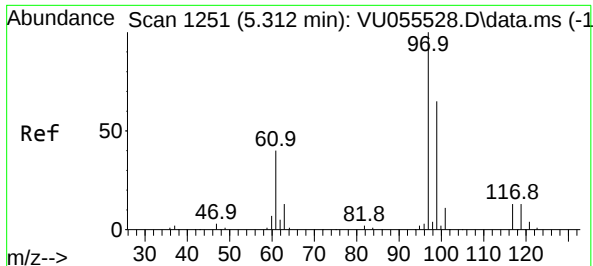
Tgt Ion: 62 Resp: 110061

Ion Ratio Lower Upper

62 100

98 11.4 7.0 10.4#

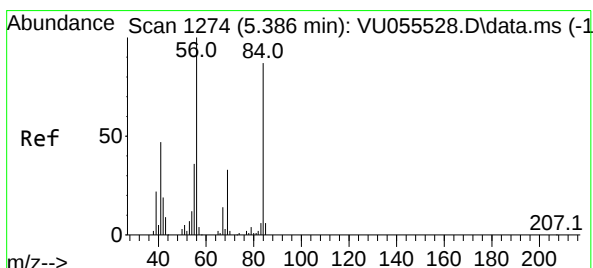
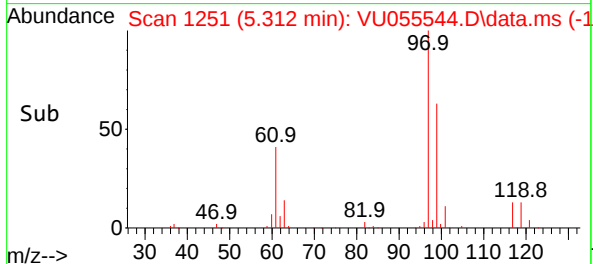
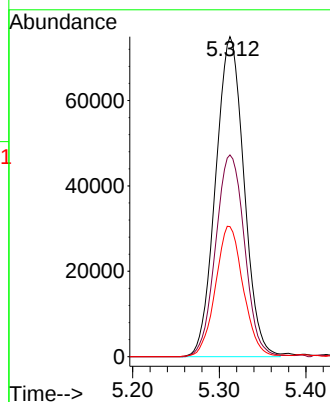
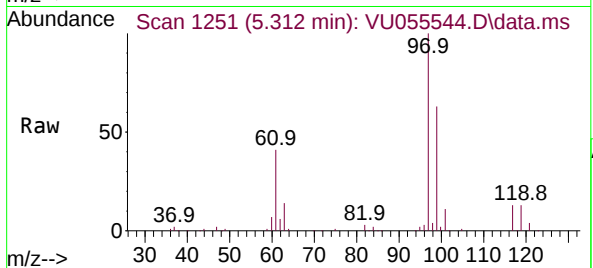




#29
1,1,1-Trichloroethane
Concen: 5.623 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

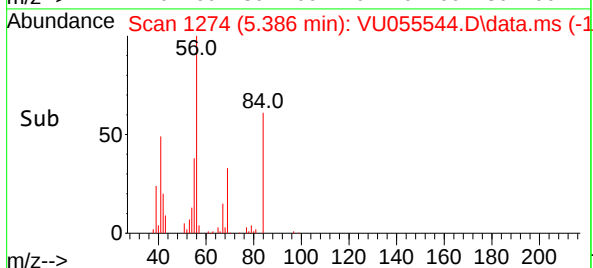
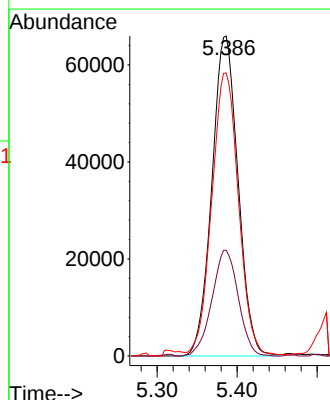
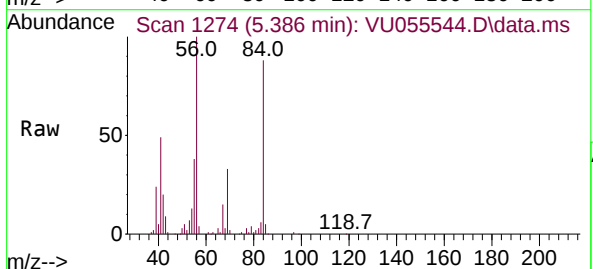
Instrument :
MSVOA_U
ClientSampleId :

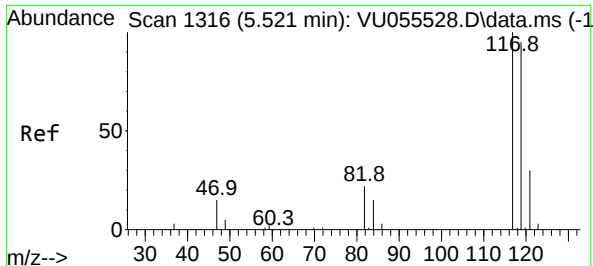
Tgt Ion: 97 Resp: 170593
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 39.8 34.6 51.8



#30
Cyclohexane
Concen: 5.392 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Tgt Ion: 56 Resp: 149760
Ion Ratio Lower Upper
56 100
69 33.3 26.5 39.7
84 90.6 72.6 108.8

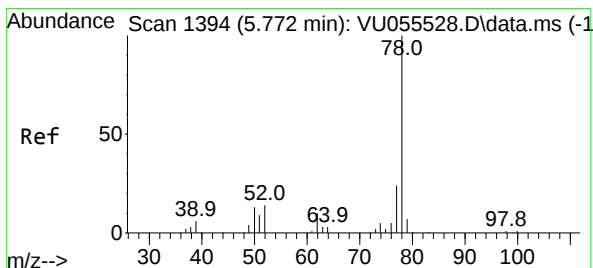
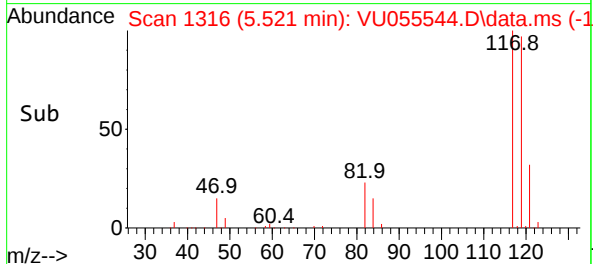
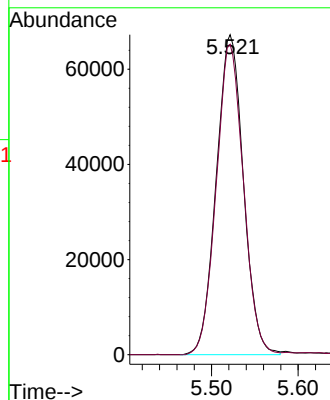
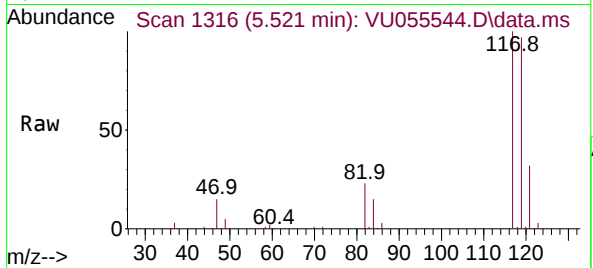




#31
Carbon tetrachloride
Concen: 5.631 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

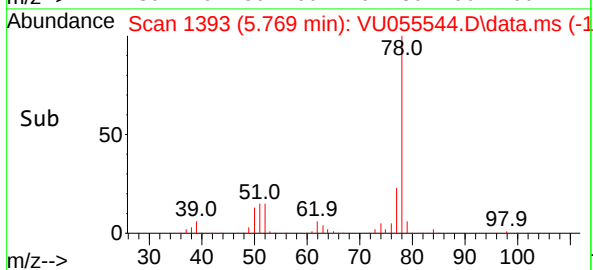
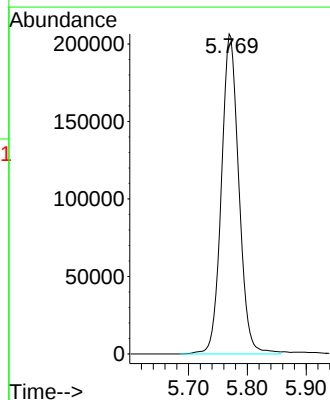
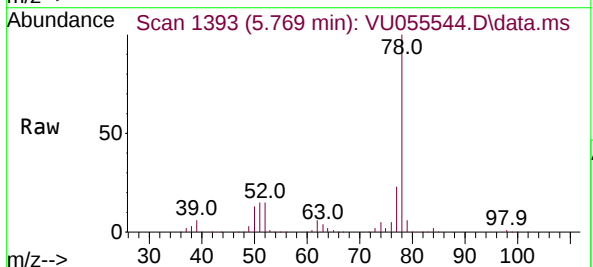
Instrument :
MSVOA_U
ClientSampleId :

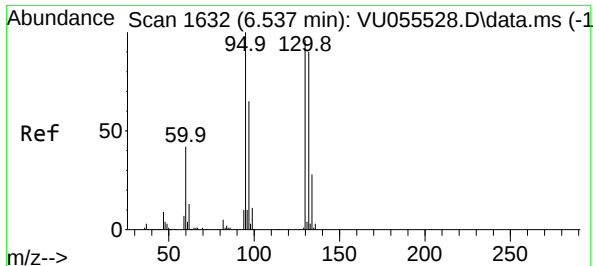
Tgt Ion:117 Resp: 146435
Ion Ratio Lower Upper
117 100
119 97.1 75.2 112.8



#33
Benzene
Concen: 5.557 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Tgt Ion: 78 Resp: 425679





#34

Trichloroethene

Concen: 5.325 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

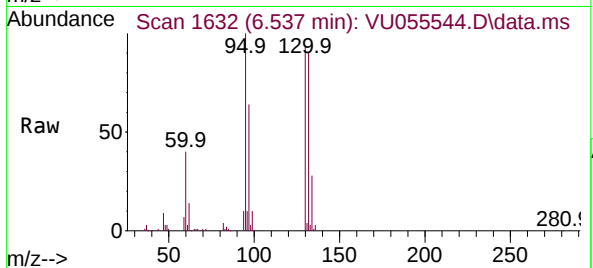
Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 115370

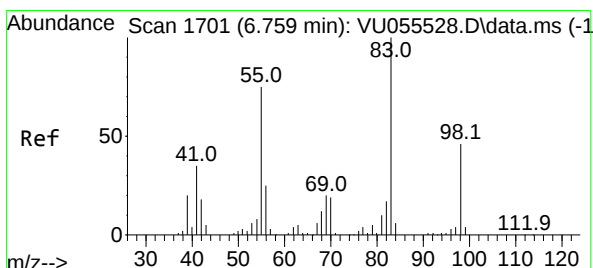
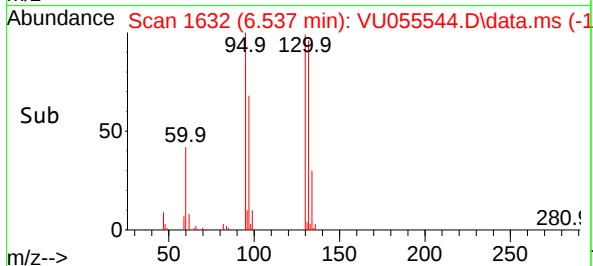
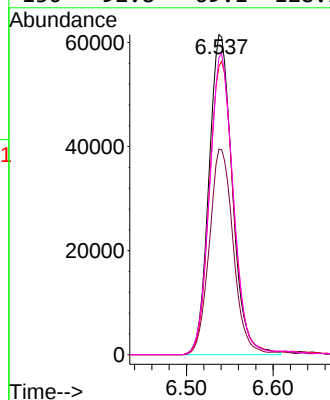
Ion Ratio Lower Upper

95 100

97 64.3 45.4 84.2

132 90.1 65.2 121.2

130 92.8 69.1 128.3



#35

Methylcyclohexane

Concen: 5.053 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

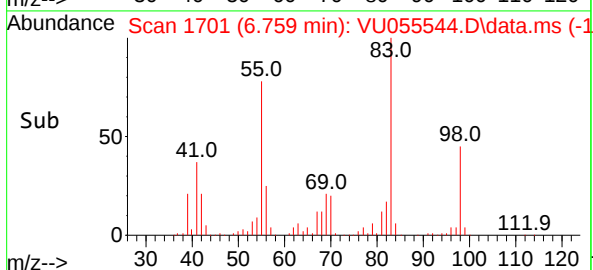
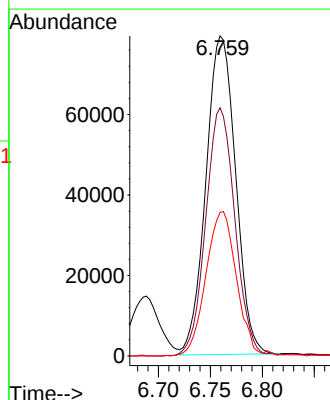
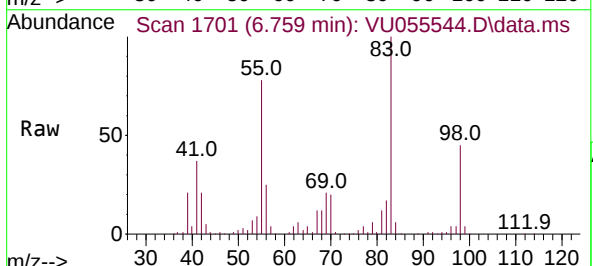
Tgt Ion: 83 Resp: 157698

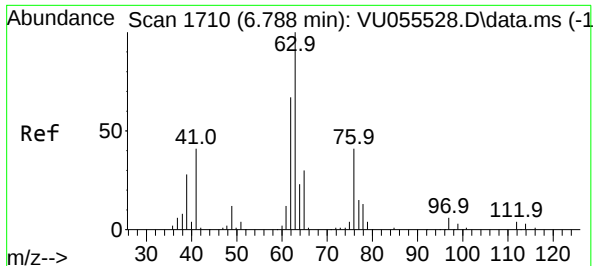
Ion Ratio Lower Upper

83 100

55 76.6 59.1 88.7

98 46.3 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.303 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

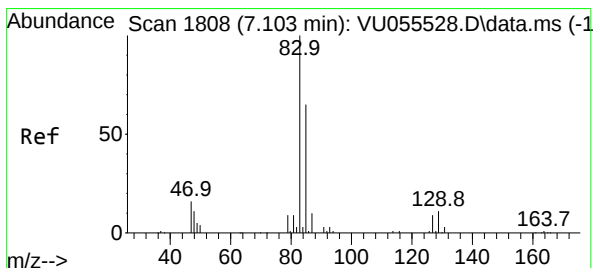
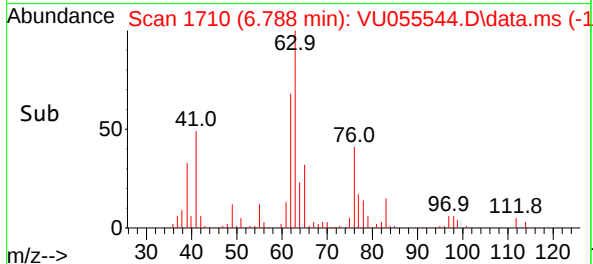
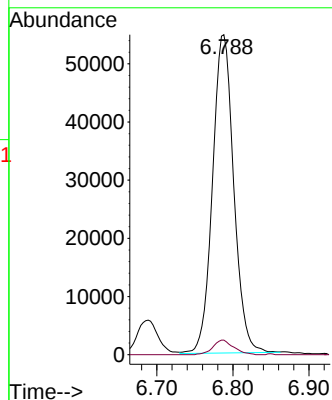
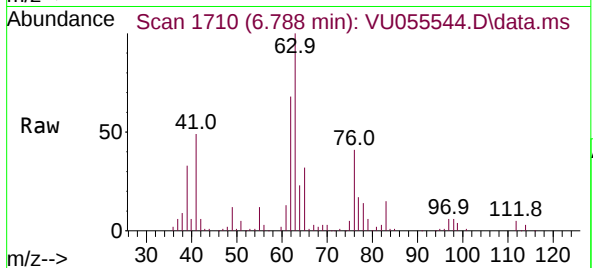
ClientSampleId :

Tgt Ion: 63 Resp: 106240

Ion Ratio Lower Upper

63 100

112 4.5 3.0 4.6



#38

Bromodichloromethane

Concen: 5.616 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

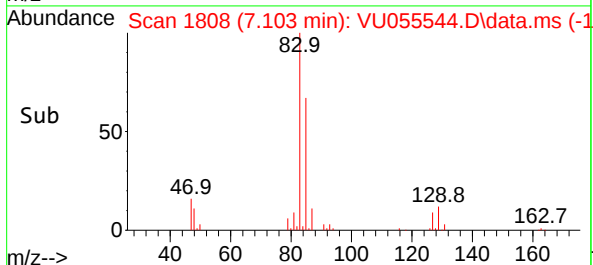
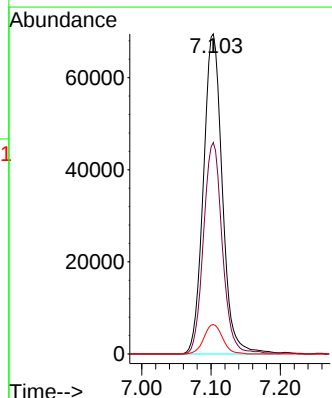
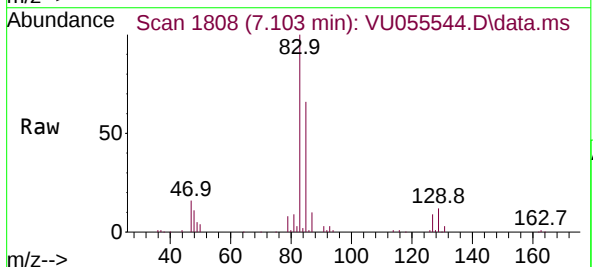
Tgt Ion: 83 Resp: 131828

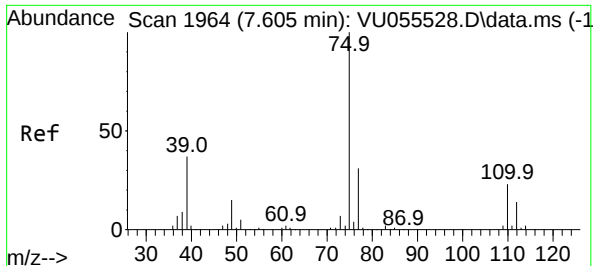
Ion Ratio Lower Upper

83 100

85 66.1 46.8 86.8

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.535 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

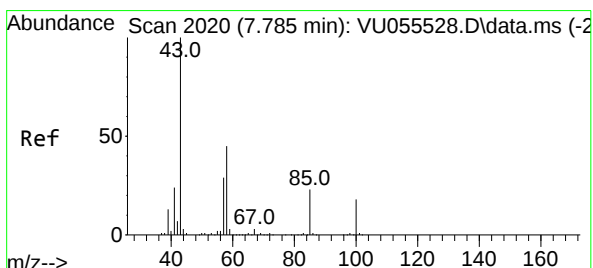
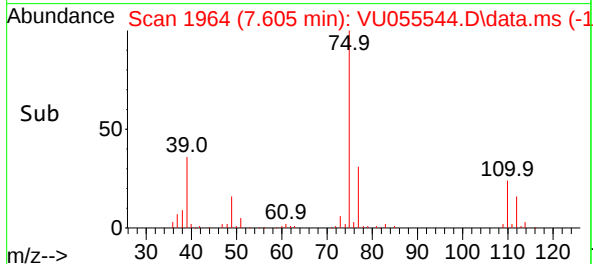
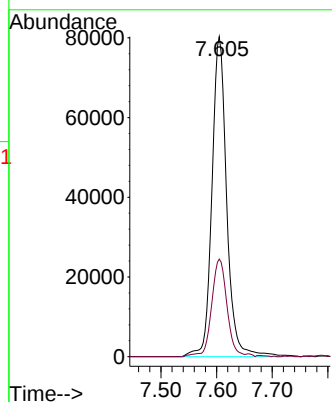
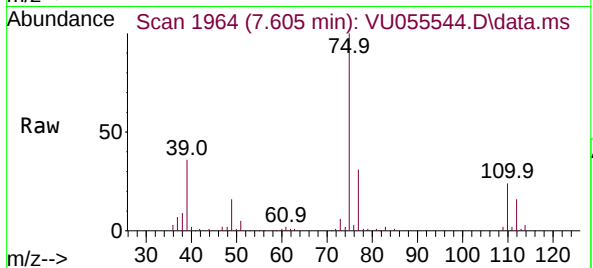
ClientSampleId :

Tgt Ion: 75 Resp: 147989

Ion Ratio Lower Upper

75 100

77 30.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 54.329 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

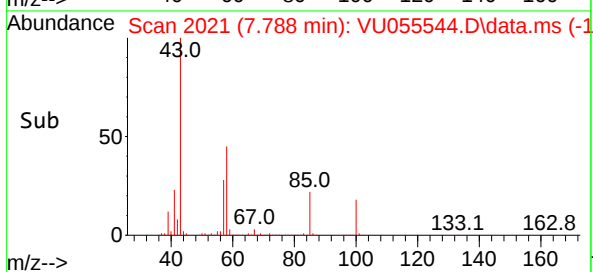
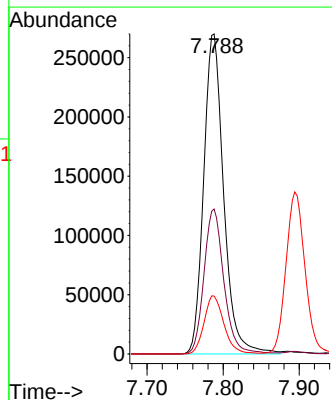
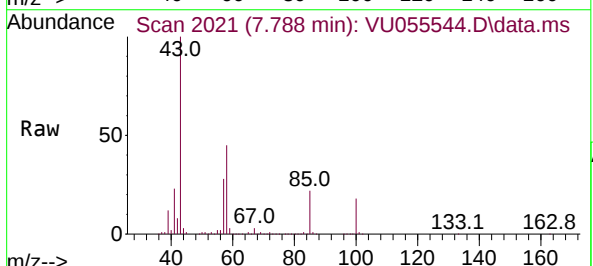
Tgt Ion: 43 Resp: 493689

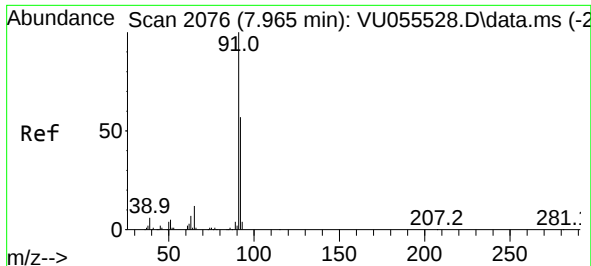
Ion Ratio Lower Upper

43 100

58 45.2 34.2 51.4

100 18.1 13.4 20.0





#42

Toluene

Concen: 5.520 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

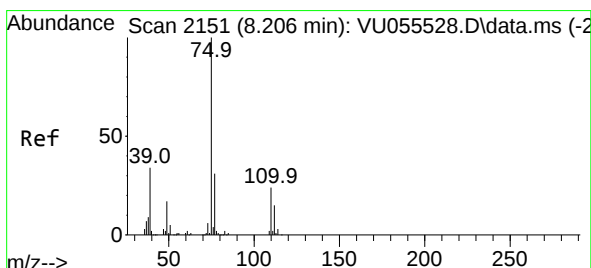
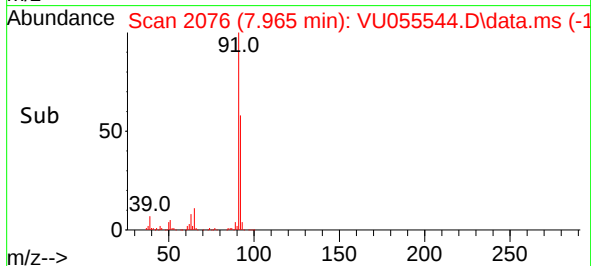
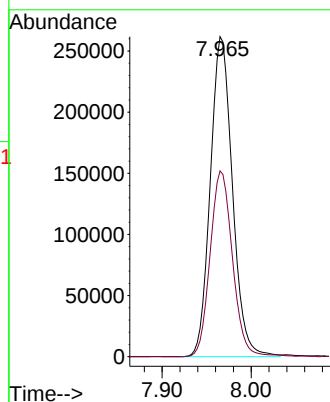
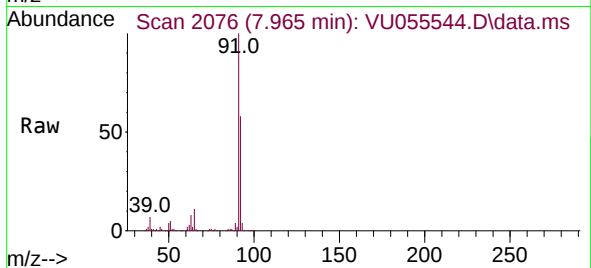
ClientSampleId :

Tgt Ion: 91 Resp: 451025

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.519 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU055544.D

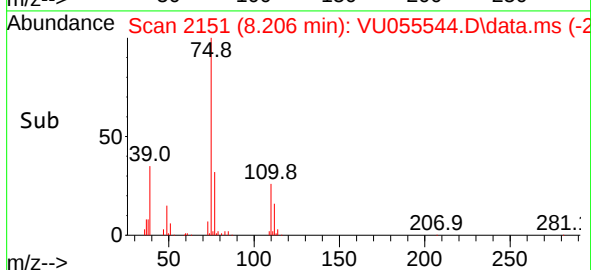
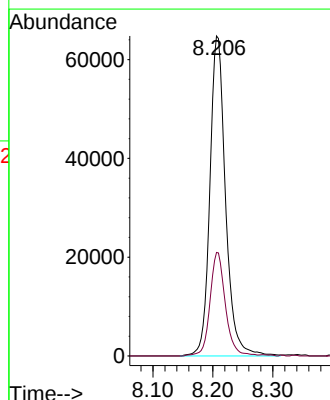
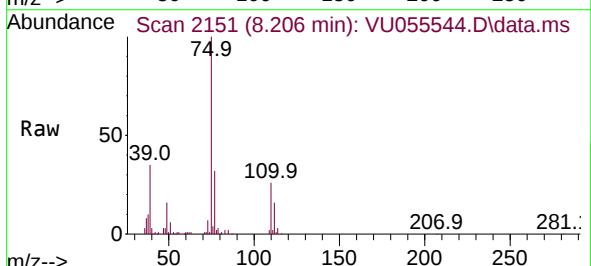
Acq: 27 Sep 2023 03:08

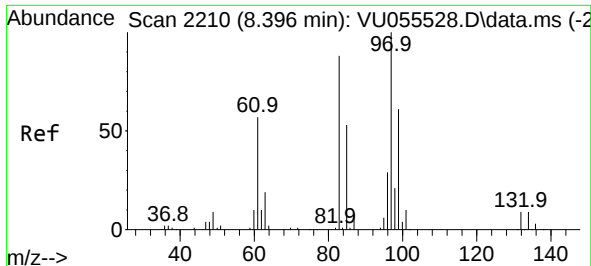
Tgt Ion: 75 Resp: 118053

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.4

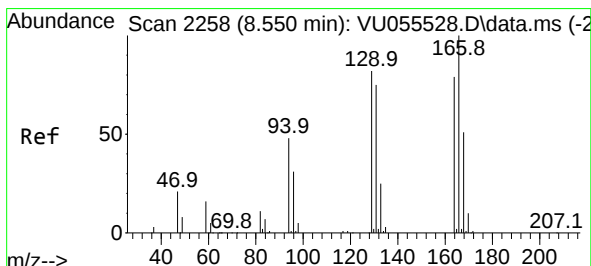
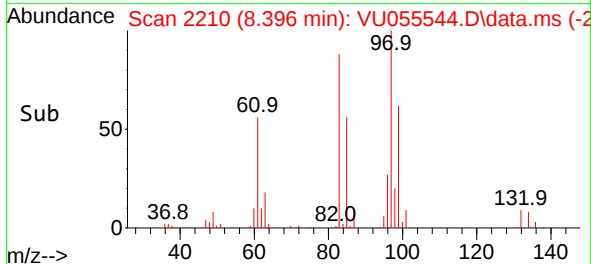
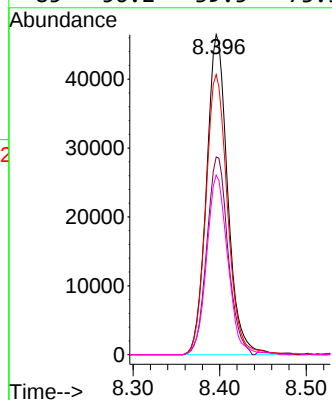
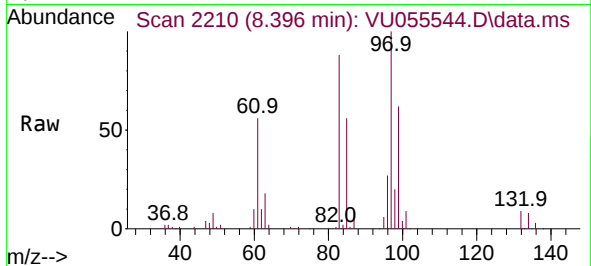




#45
1,1,2-Trichloroethane
Concen: 5.617 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

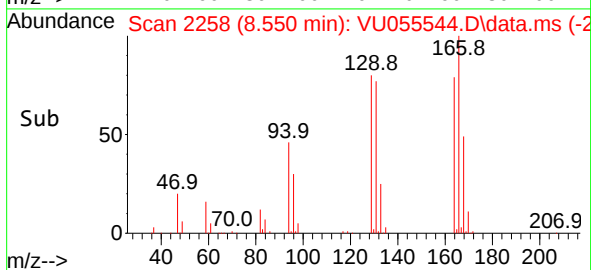
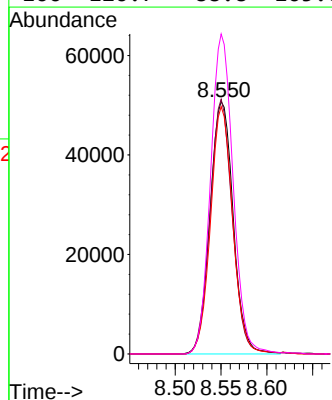
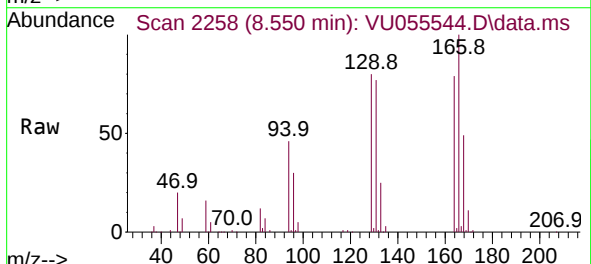
Instrument :
MSVOA_U
ClientSampleId :

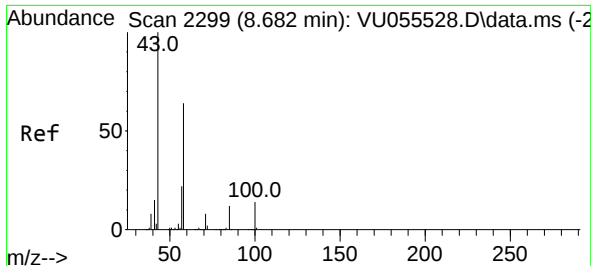
Tgt Ion:	97	Resp:	78895
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.1	81.9
83	87.6	61.5	114.1
85	56.2	39.5	73.3



#47
Tetrachloroethene
Concen: 5.745 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

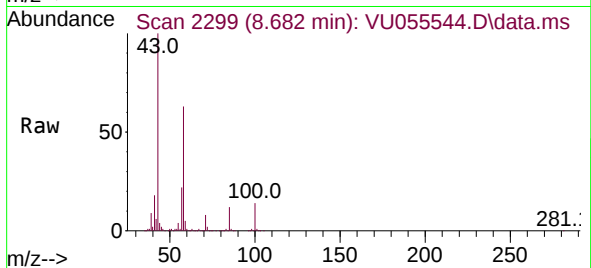
Tgt Ion:	164	Resp:	89291
Ion	Ratio	Lower	Upper
164	100		
129	100.9	67.4	125.2
131	98.0	66.4	123.2
166	126.7	88.8	165.0



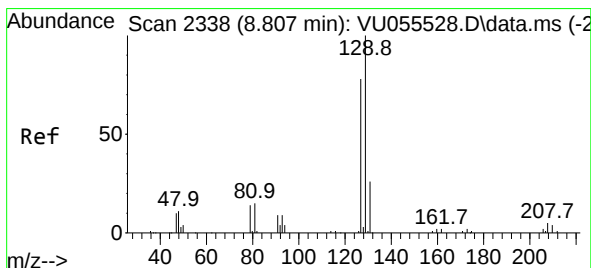
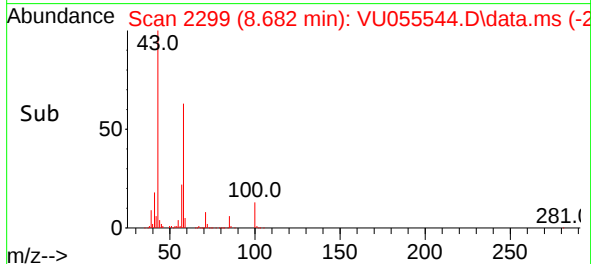
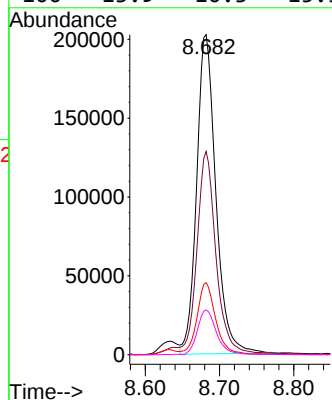


#48
2-Hexanone
Concen: 51.878 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Instrument :
MSVOA_U
ClientSampleId :

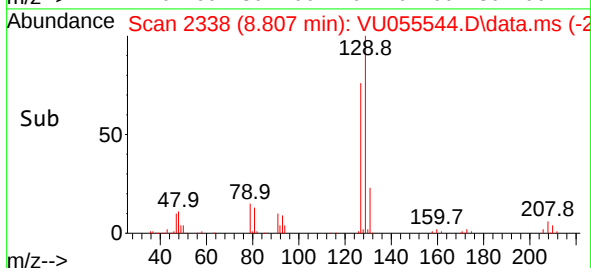
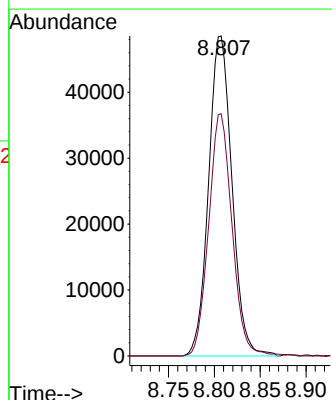
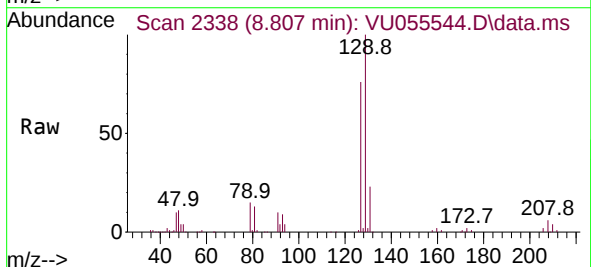


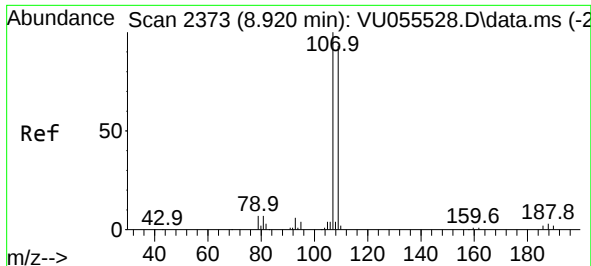
Tgt Ion:	43	Resp:	365355
Ion	Ratio	Lower	Upper
43	100		
58	65.3	48.5	72.7
57	21.5	17.0	25.4
100	13.9	10.3	15.5



#49
Dibromochloromethane
Concen: 5.853 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Tgt Ion:	129	Resp:	86171
Ion	Ratio	Lower	Upper
129	100		
127	75.7	56.8	105.6



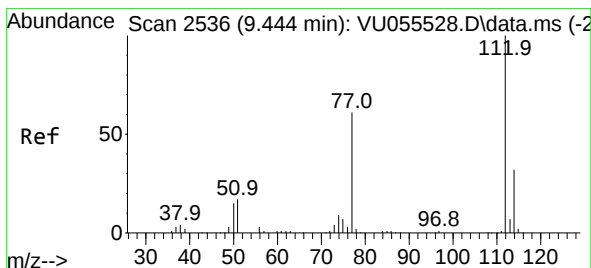
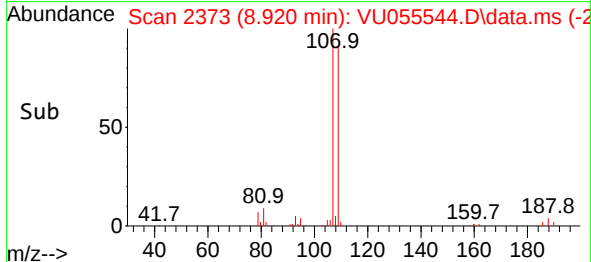
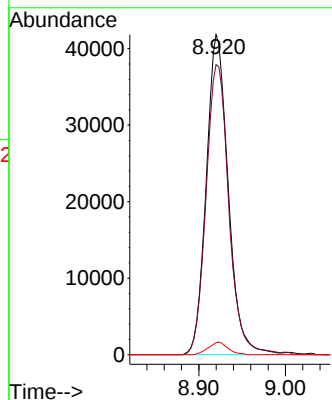
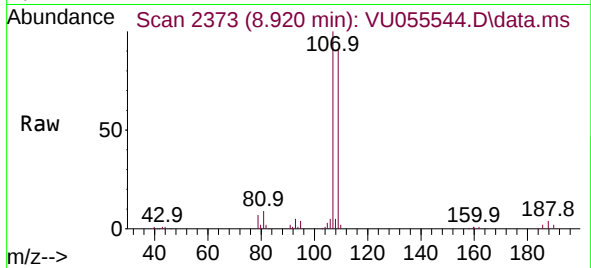


#50
 1,2-Dibromoethane
 Concen: 5.658 ug/L
 RT: 8.920 min Scan# 2373
 Delta R.T. -0.000 min
 Lab File: VU055544.D
 Acq: 27 Sep 2023 03:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:107 Resp: 73748

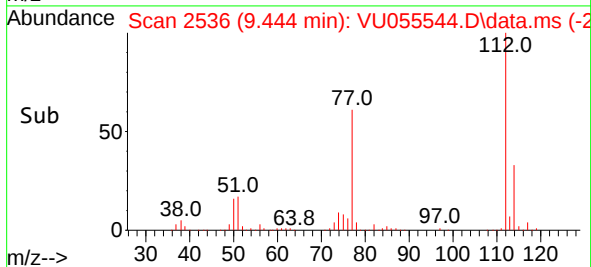
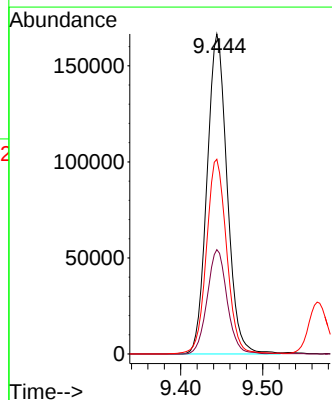
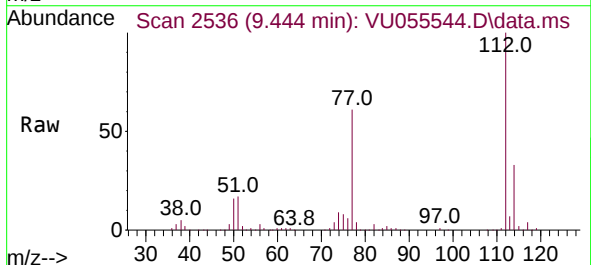
Ion	Ratio	Lower	Upper
107	100		
109	90.6	66.1	122.8
188	3.7	3.2	4.8

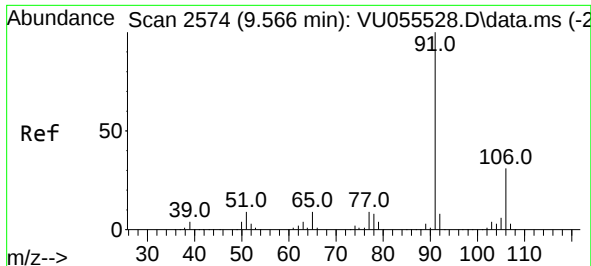


#51
 Chlorobenzene
 Concen: 5.423 ug/L
 RT: 9.444 min Scan# 2536
 Delta R.T. -0.000 min
 Lab File: VU055544.D
 Acq: 27 Sep 2023 03:08

Tgt Ion:112 Resp: 283786

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.0	40.8
77	60.8	46.9	70.3





#52

Ethylbenzene

Concen: 5.543 ug/L

RT: 9.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

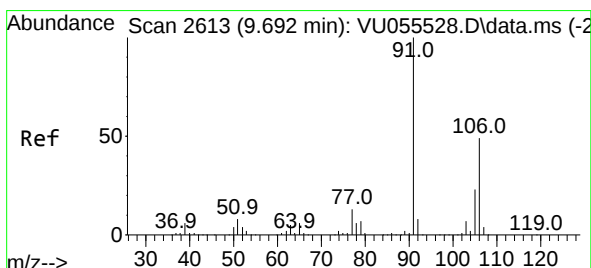
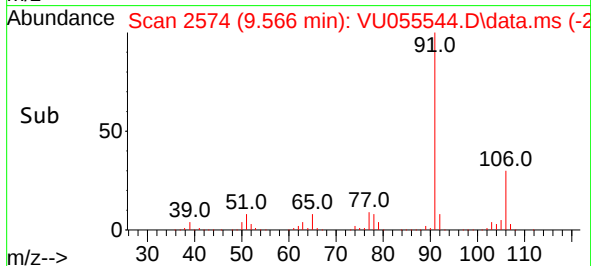
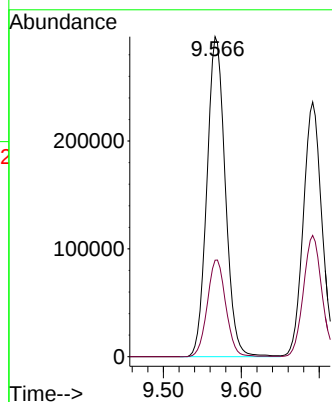
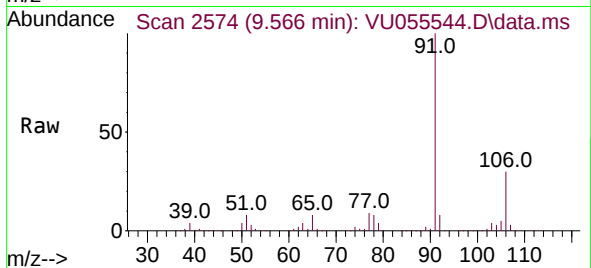
ClientSampleId :

Tgt Ion: 91 Resp: 485520

Ion Ratio Lower Upper

91 100

106 30.2 22.4 41.6



#53

m,p-Xylene

Concen: 5.664 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. -0.000 min

Lab File: VU055544.D

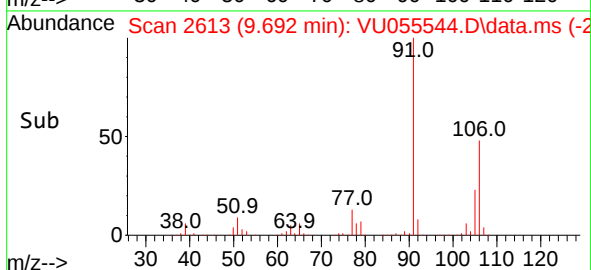
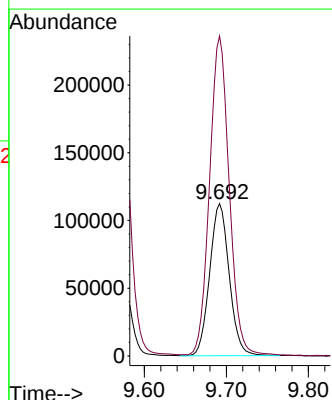
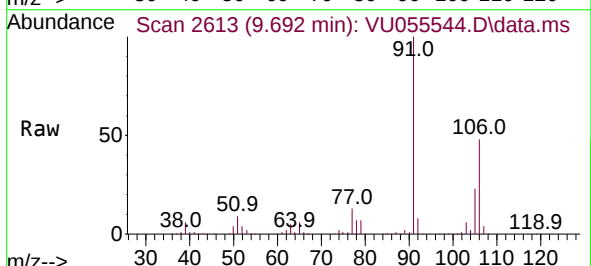
Acq: 27 Sep 2023 03:08

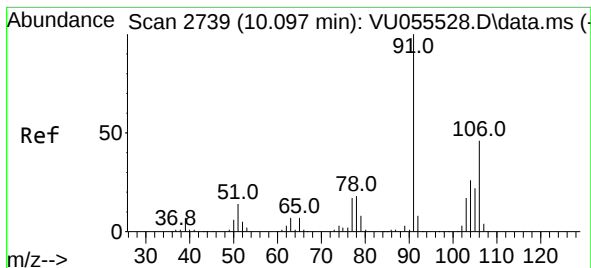
Tgt Ion: 106 Resp: 185903

Ion Ratio Lower Upper

106 100

91 210.0 144.8 269.0





#54

o-Xylene

Concen: 5.672 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

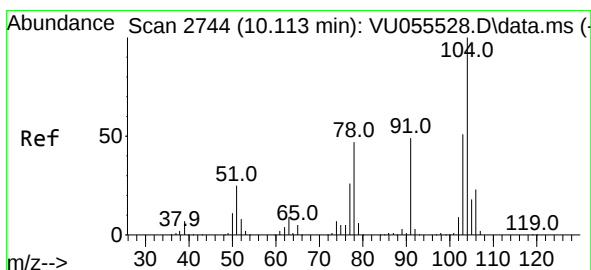
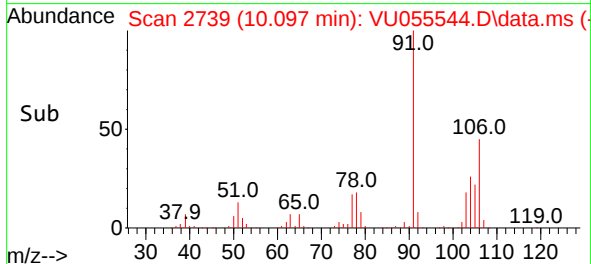
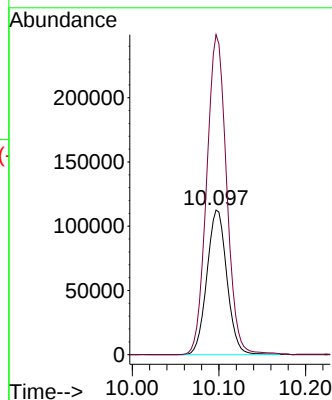
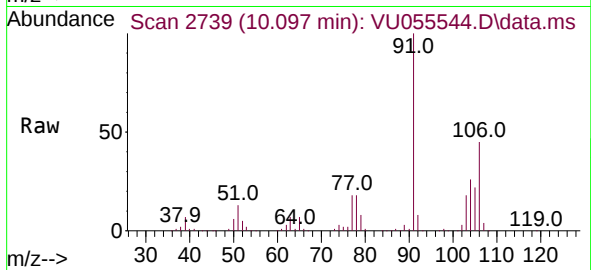
ClientSampleId :

Tgt Ion:106 Resp: 181014

Ion Ratio Lower Upper

106 100

91 221.2 157.6 292.8



#55

Styrene

Concen: 5.883 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU055544.D

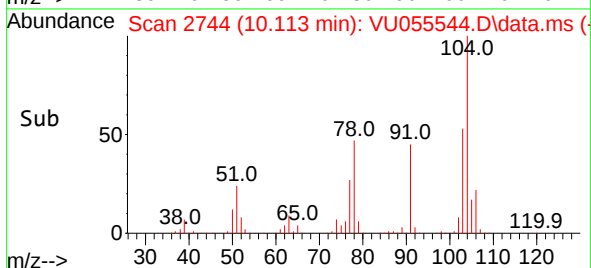
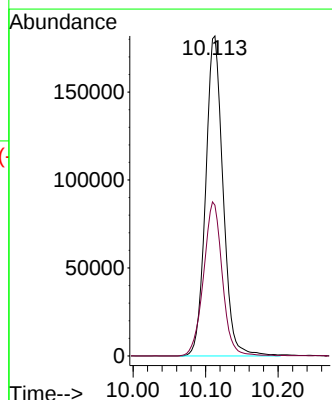
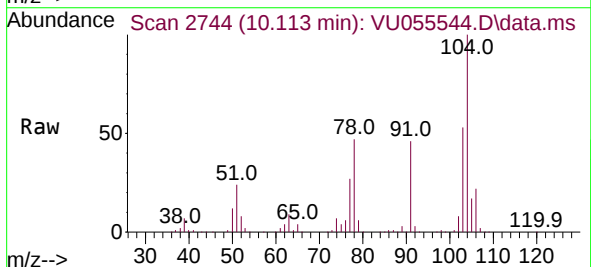
Acq: 27 Sep 2023 03:08

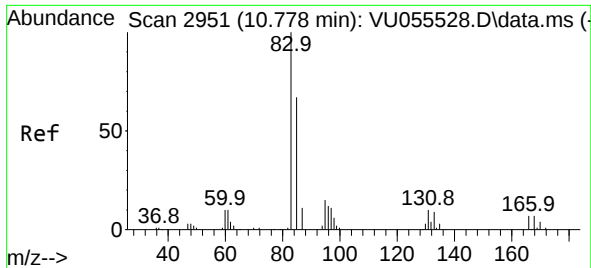
Tgt Ion:104 Resp: 303568

Ion Ratio Lower Upper

104 100

78 47.1 31.2 58.0

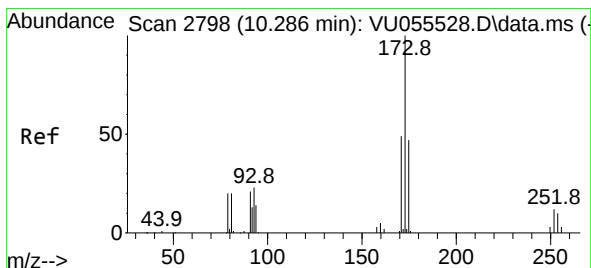
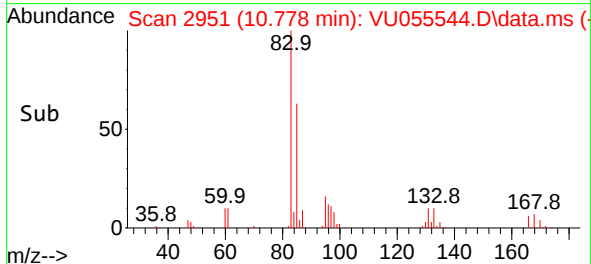
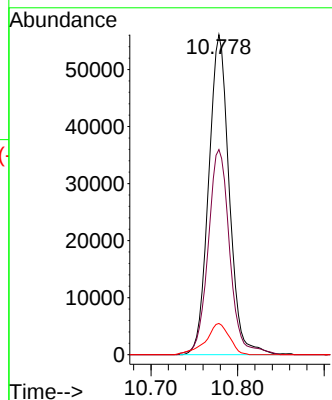
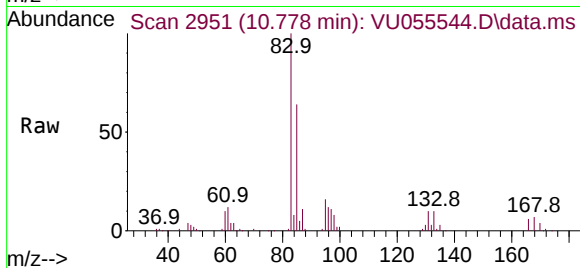




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.832 ug/L
 RT: 10.778 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: VU055544.D
 Acq: 27 Sep 2023 03:08

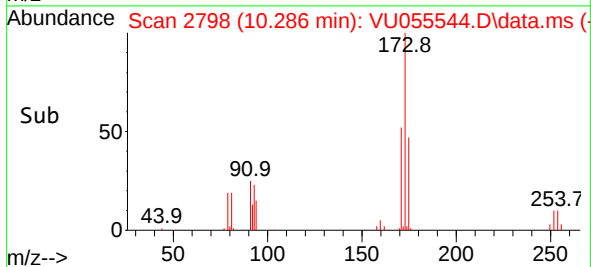
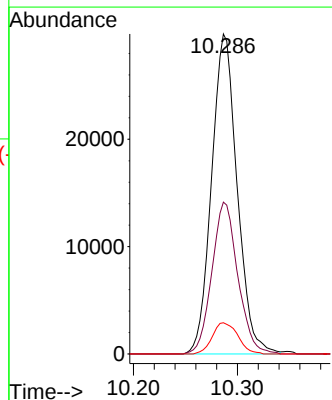
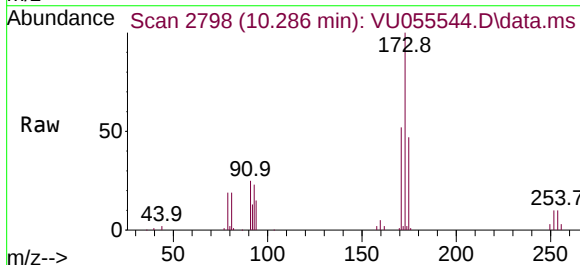
Instrument :
 MSVOA_U
 ClientSampleId :

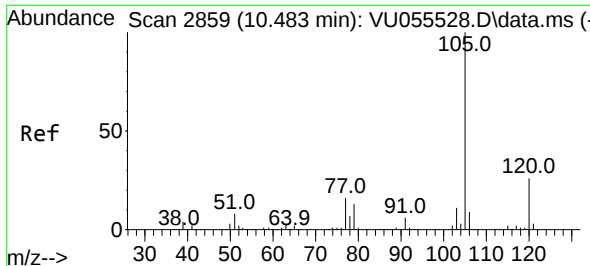
Tgt Ion:	83	Resp:	92475
Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.4	82.5
131	9.7	7.4	11.2



#59
 Bromoform
 Concen: 6.109 ug/L
 RT: 10.286 min Scan# 2798
 Delta R.T. -0.000 min
 Lab File: VU055544.D
 Acq: 27 Sep 2023 03:08

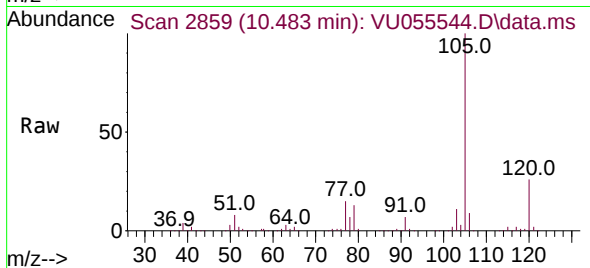
Tgt Ion:	173	Resp:	50956
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.4	59.2
254	9.8	7.3	10.9



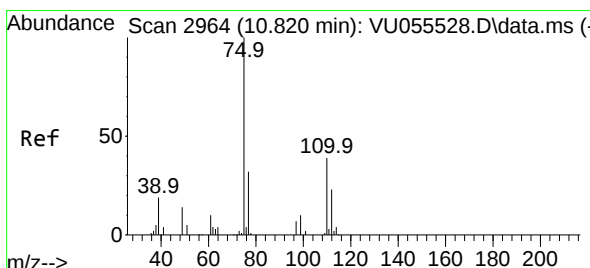
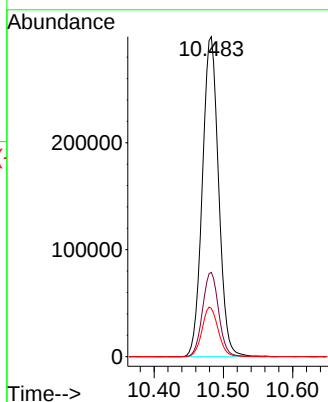
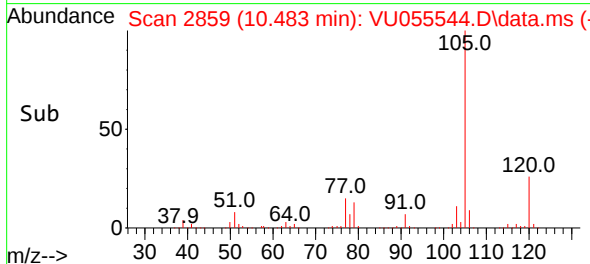


#60
Isopropylbenzene
Concen: 5.418 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Instrument :
MSVOA_U
ClientSampleId :

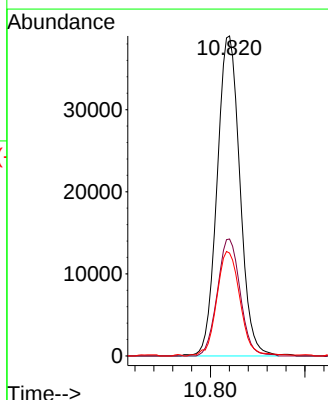
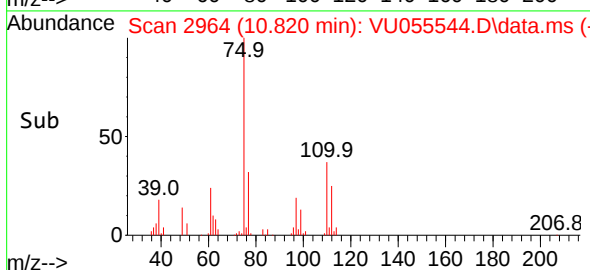
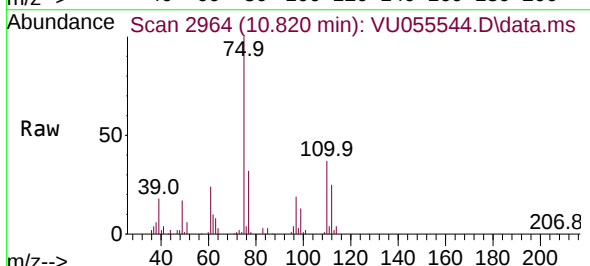


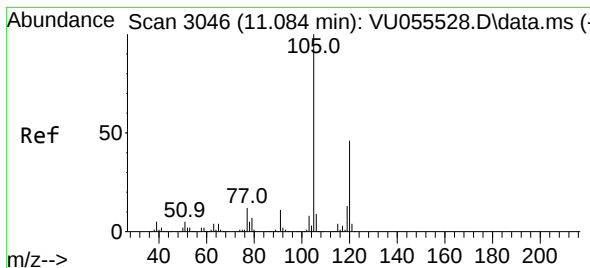
Tgt Ion:105 Resp: 485950
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.364 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Tgt Ion: 75 Resp: 65162
Ion Ratio Lower Upper
75 100
110 36.7 30.6 45.8
77 33.6 26.7 40.1





#62

1,3,5-Trimethylbenzene

Concen: 5.413 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

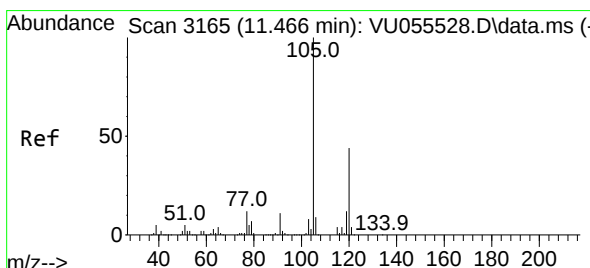
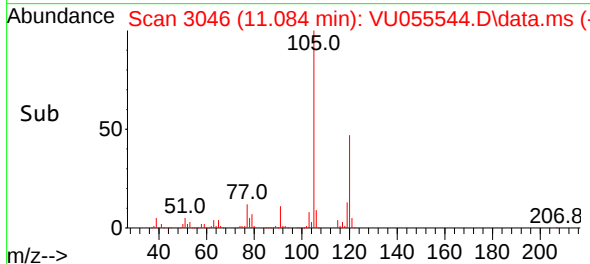
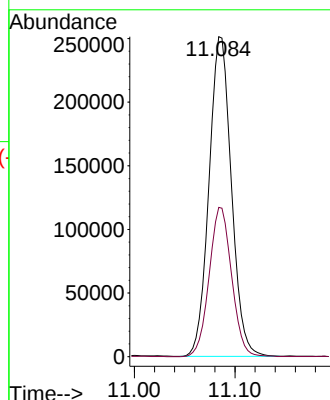
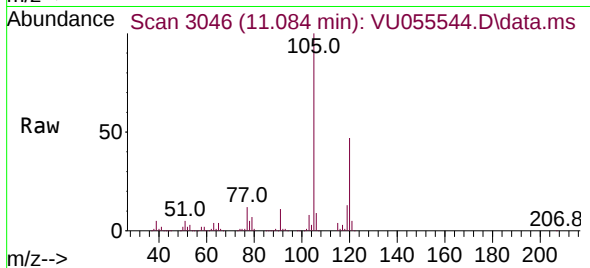
ClientSampleId :

Tgt Ion:105 Resp: 388251

Ion Ratio Lower Upper

105 100

120 46.9 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 5.342 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.003 min

Lab File: VU055544.D

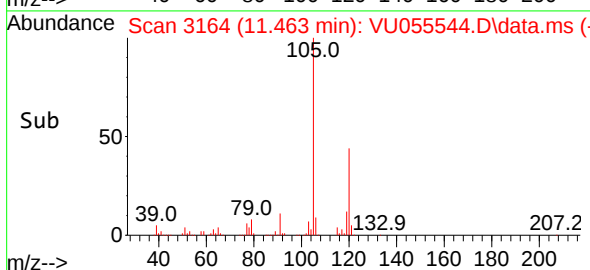
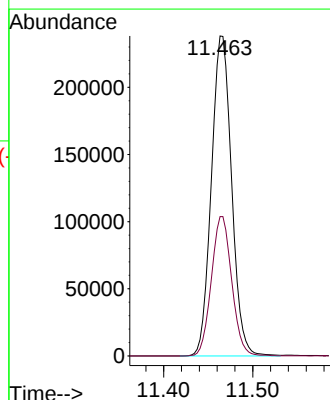
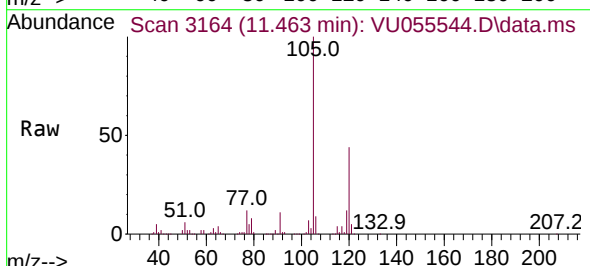
Acq: 27 Sep 2023 03:08

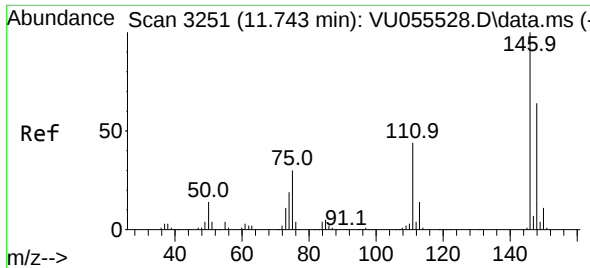
Tgt Ion:105 Resp: 375071

Ion Ratio Lower Upper

105 100

120 43.9 34.9 52.3

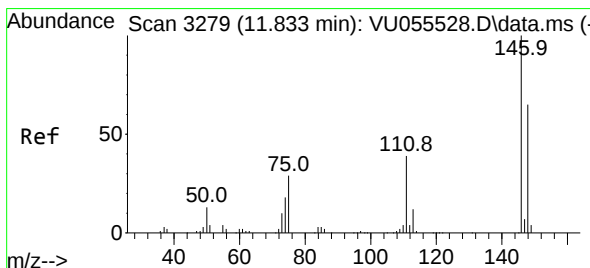
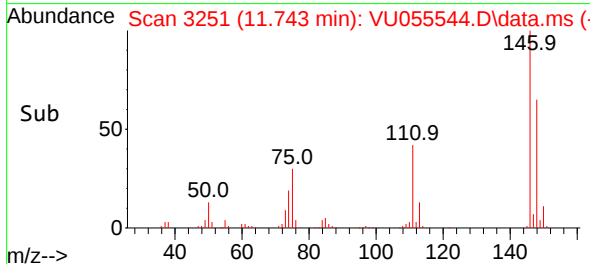
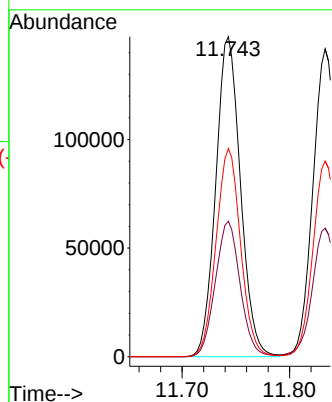
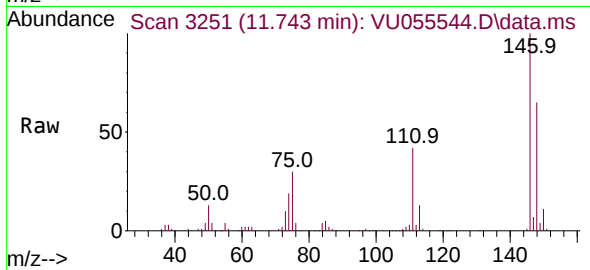




#64
1,3-Dichlorobenzene
Concen: 5.477 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

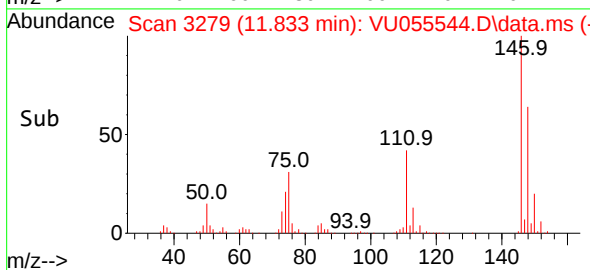
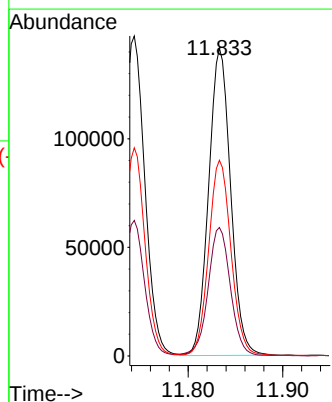
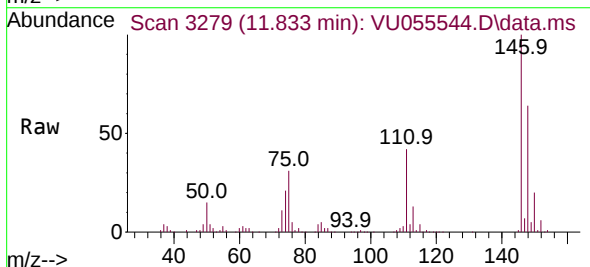
Instrument :
MSVOA_U
ClientSampleId :

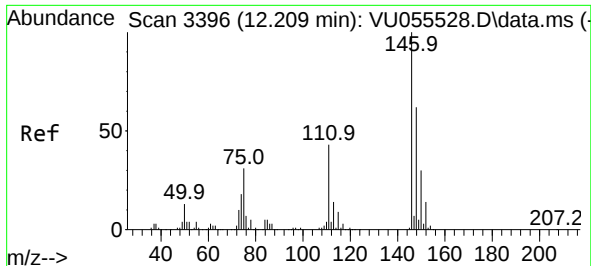
Tgt Ion:146 Resp: 235197
Ion Ratio Lower Upper
146 100
111 42.4 28.8 53.6
148 65.0 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.325 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Tgt Ion:146 Resp: 228538
Ion Ratio Lower Upper
146 100
111 41.7 29.0 53.8
148 63.6 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.544 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

Instrument :

MSVOA_U

ClientSampleId :

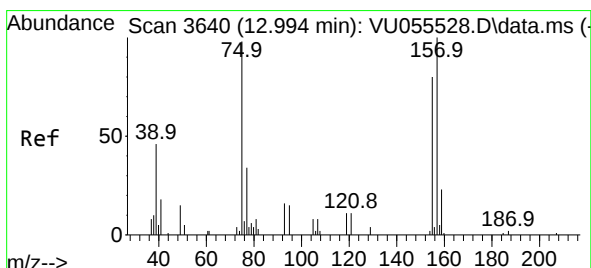
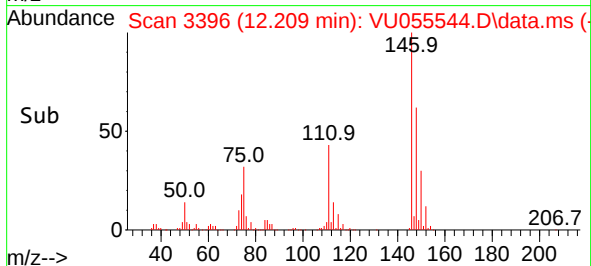
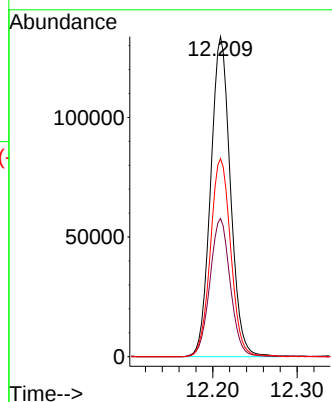
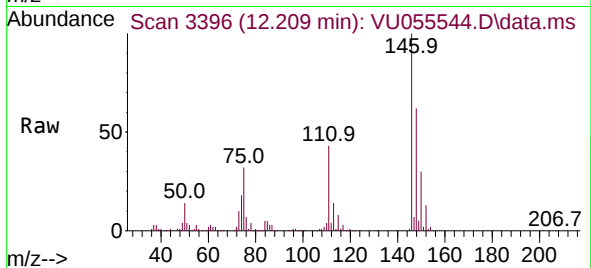
Tgt Ion:146 Resp: 218283

Ion Ratio Lower Upper

146 100

111 43.2 34.6 52.0

148 61.9 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.696 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055544.D

Acq: 27 Sep 2023 03:08

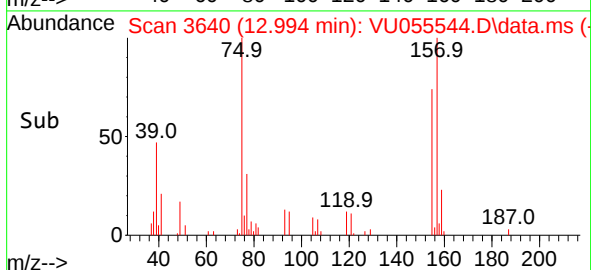
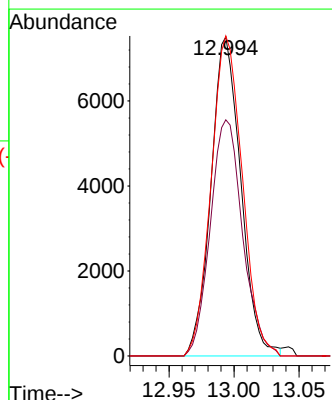
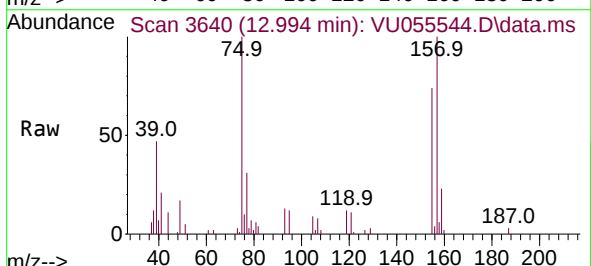
Tgt Ion: 75 Resp: 11994

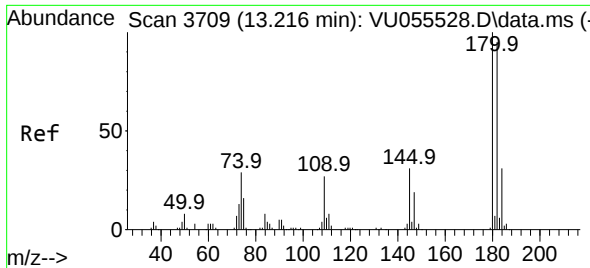
Ion Ratio Lower Upper

75 100

155 74.0 69.2 103.8

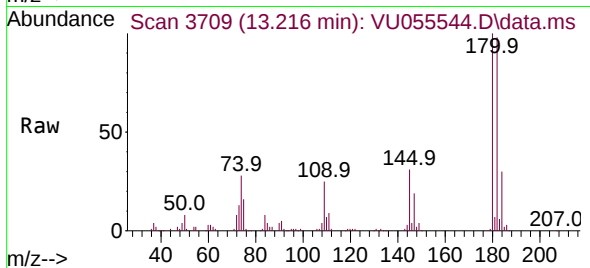
157 100.3 81.9 122.9



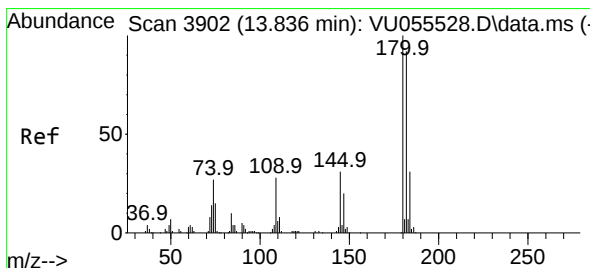
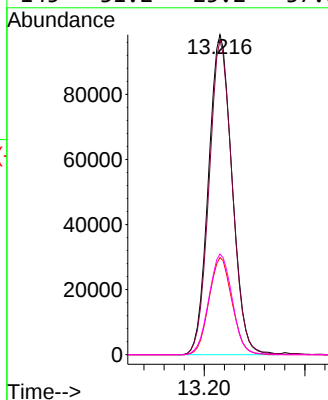
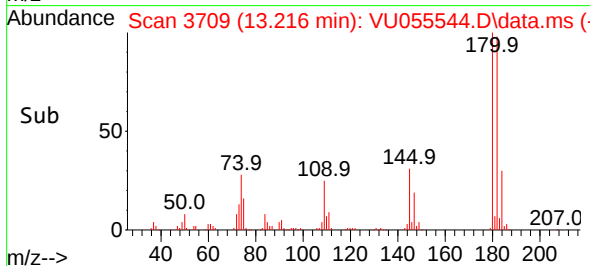


#69
 1,3,5-Trichlorobenzene
 Concen: 5.408 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055544.D
 Acq: 27 Sep 2023 03:08

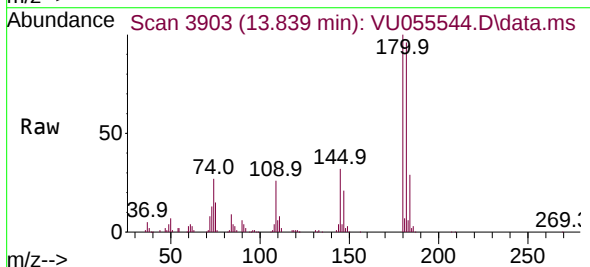
Instrument :
 MSVOA_U
 ClientSampleId :



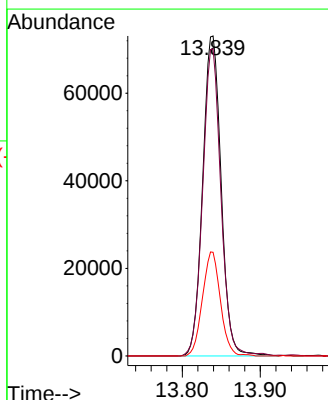
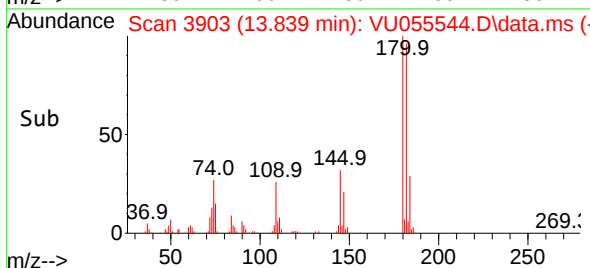
Tgt Ion:180 Resp: 159919
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.1 115.7
 184 29.7 24.0 36.0
 145 31.2 25.2 37.8

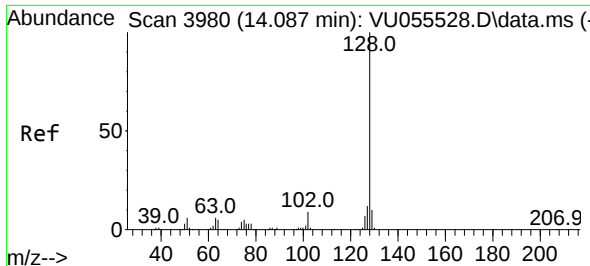


#70
 1,2,4-trichlorobenzene
 Concen: 5.316 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.003 min
 Lab File: VU055544.D
 Acq: 27 Sep 2023 03:08



Tgt Ion:180 Resp: 119857
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.4 114.6
 145 31.5 25.4 38.0

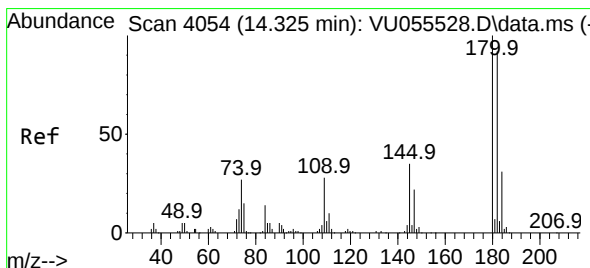
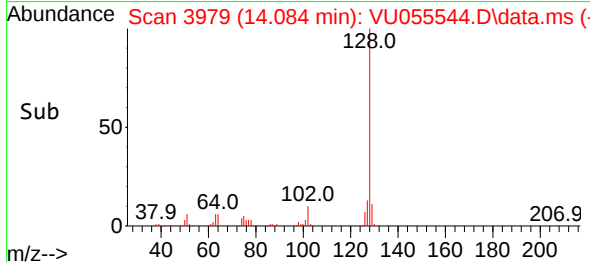
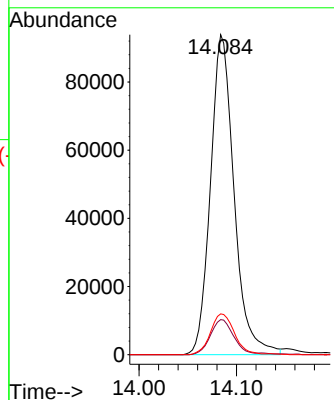
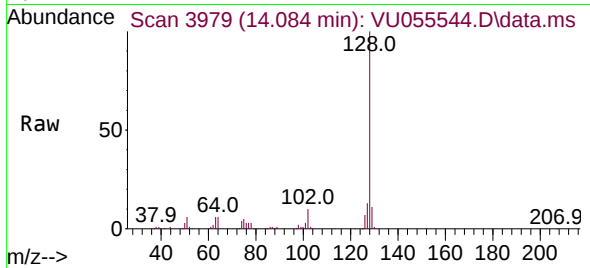




#71
Naphthalene
Concen: 4.847 ug/L
RT: 14.084 min Scan# 3980
Delta R.T. -0.003 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 158223
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.369 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU055544.D
Acq: 27 Sep 2023 03:08

Tgt Ion:180 Resp: 105324
Ion Ratio Lower Upper
180 100
182 96.4 76.2 114.4
145 33.0 26.0 39.0

