

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011824\
 Data File : VU057560.D
 Acq On : 18 Jan 2024 15:28
 Operator : MD/SY
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 01:30:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 01:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	414197	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	569903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	197203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	507560	122.031	ug/L	0.00
7) Chloroethane-d5	1.914	69	390682	121.549	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	927948	123.747	ug/L	0.00
21) 2-Butanone-d5	4.628	46	413767	229.495	ug/L	0.00
24) Chloroform-d	5.052	84	758254	118.670	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	482982	121.895	ug/L	0.00
32) Benzene-d6	5.718	84	1478672	93.283	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	418350	71.280	ug/L	0.00
41) Toluene-d8	7.891	98	1424315	87.660	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	288129	98.647	ug/L	0.00
47) 2-Hexanone-d5	8.650	63	423342	220.020	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	813488	106.073	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	409545	106.861	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	607847	112.426	ug/L	100
3) Chloromethane	1.518	50	589119	112.182	ug/L	98
5) Vinyl chloride	1.605	62	599655	121.038	ug/L	100
6) Bromomethane	1.856	94	283190	126.057	ug/L	99
8) Chloroethane	1.933	64	337702	120.304	ug/L	99
9) Trichlorofluoromethane	2.133	101	690313	113.822	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	466540	121.389	ug/L	99
12) 1,1-Dichloroethene	2.570	96	426699	124.395	ug/L	90
13) Acetone	2.641	43	634597	226.750	ug/L	100
14) Carbon disulfide	2.785	76	1400767	116.134	ug/L	100
15) Methyl Acetate	2.946	43	467504	125.461	ug/L	99
16) Methylene chloride	3.039	84	494578	116.632	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	432124	119.983	ug/L	95
18) Methyl tert-butyl Ether	3.354	73	1409944	127.246	ug/L	99
19) 1,1-Dichloroethane	3.859	63	704181	116.627	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	354372	116.025	ug/L	94
22) 2-Butanone	4.708	43	530928	227.286	ug/L	100
23) Bromochloromethane	4.965	128	185782	113.537	ug/L	96
25) Chloroform	5.078	83	702574	113.784	ug/L	99
27) 1,2-Dichloroethane	5.785	62	614977	123.798	ug/L	100
29) Cyclohexane	5.380	56	578545	95.485	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	556989	81.548	ug/L	100
31) Carbon tetrachloride	5.518	117	485777	87.661	ug/L	99
33) Benzene	5.766	78	1519972	90.772	ug/L	100
34) Trichloroethene	6.534	95	350100	70.987	ug/L	98
35) Methylcyclohexane	6.756	83	562419	73.695	ug/L	97
37) 1,2-Dichloropropane	6.782	63	373620	68.205	ug/L	100
38) Bromodichloromethane	7.097	83	548624	78.677	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	624083	77.891	ug/L	98
40) 4-Methyl-2-pentanone	7.811	43	1017882	165.093	ug/L	100
42) Toluene	7.965	91	1967882	93.910	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	793615	97.679	ug/L	99

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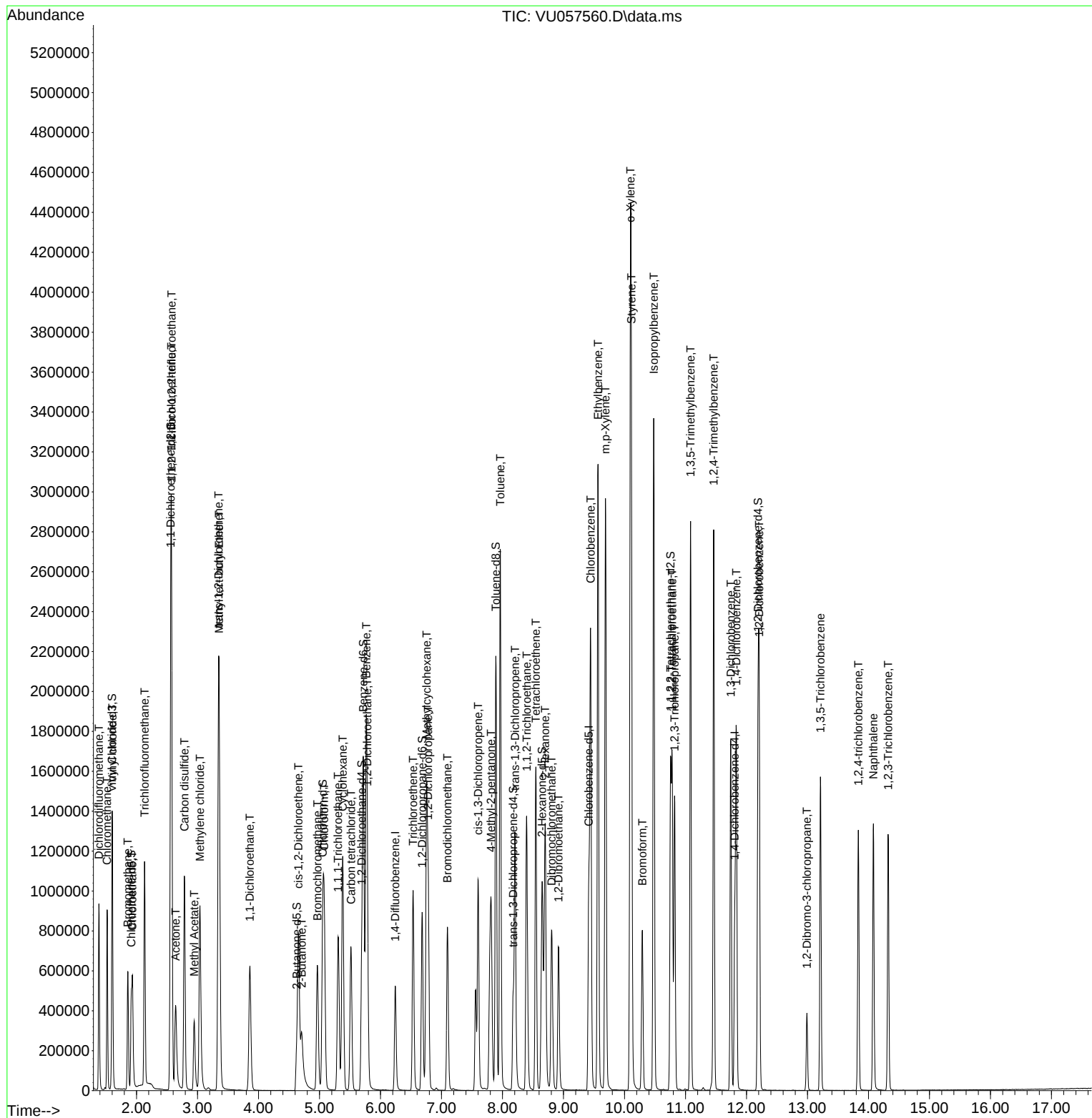
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	497115	95.314	ug/L	99
46) Tetrachloroethene	8.547	164	334803	95.072	ug/L	99
48) 2-Hexanone	8.698	43	1132080	208.538	ug/L	97
49) Dibromochloromethane	8.804	129	494919	94.941	ug/L	95
50) 1,2-Dibromoethane	8.917	107	521655	96.531	ug/L	97
51) Chlorobenzene	9.444	112	1261467	102.792	ug/L	99
52) Ethylbenzene	9.566	91	2295788	112.012	ug/L	99
53) m,p-Xylene	9.688	106	851245	112.911	ug/L	97
54) o-Xylene	10.097	106	813479	112.334	ug/L	99
55) Styrene	10.113	104	1413077	116.546	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	821753	105.159	ug/L	100
59) Bromoform	10.293	173	358662	126.170	ug/L	99
60) 1,2,3-Trichloropropane	10.820	75	628819	128.159	ug/L	99
61) Isopropylbenzene	10.479	105	2169799	141.747	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	1495524	129.995	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	1429609	122.442	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	671562	103.288	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	667006	100.606	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	662391	108.039	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	95278	93.798	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	450671	102.078	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	365916	107.078	ug/L	99
71) Naphthalene	14.081	128	1008625	123.931	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	354548	114.538	ug/L	98

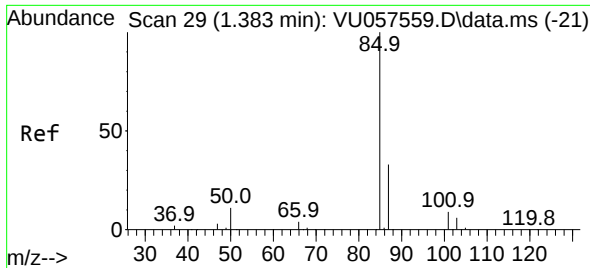
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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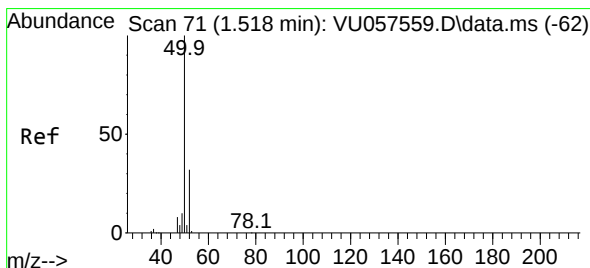
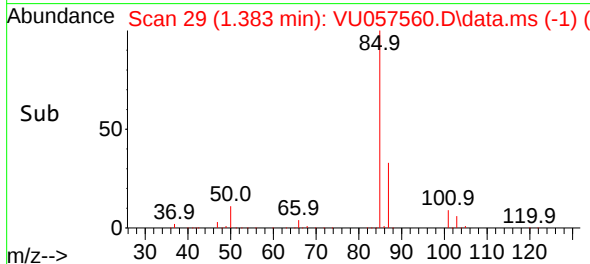
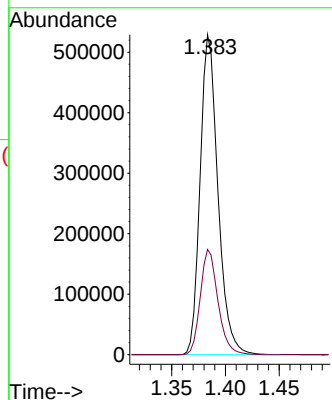
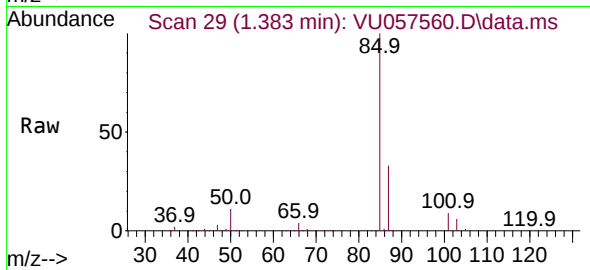




#2
 Dichlorodifluoromethane
 Concen: 112.426 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU057560.D
 Acq: 18 Jan 2024 15:28

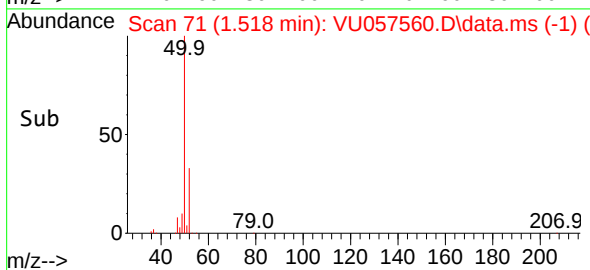
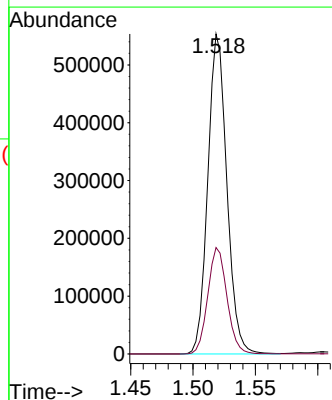
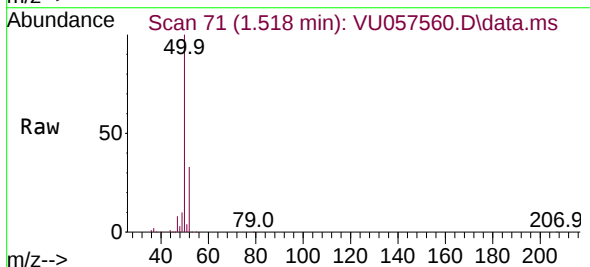
Instrument :
 MSVOA_U
 ClientSampleId :

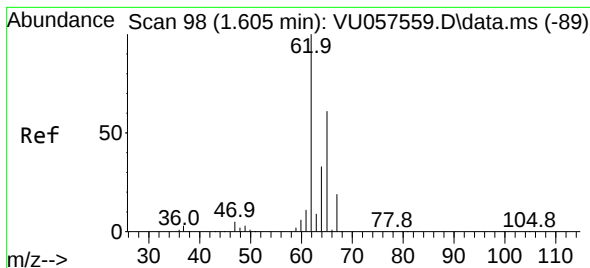
Tgt Ion: 85 Resp: 607847
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.2



#3
 Chloromethane
 Concen: 112.182 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057560.D
 Acq: 18 Jan 2024 15:28

Tgt Ion: 50 Resp: 589119
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.5 41.7





#5

Vinyl chloride

Concen: 121.038 ug/L

RT: 1.605 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

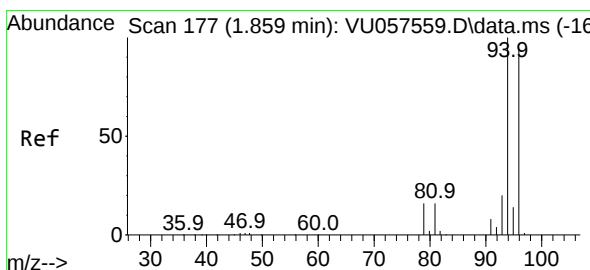
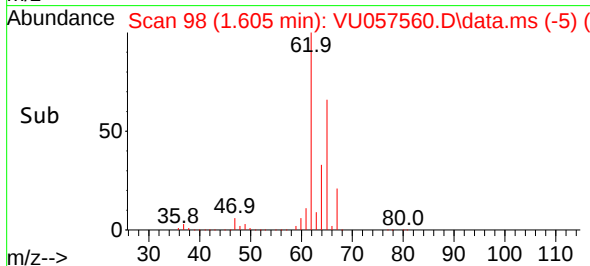
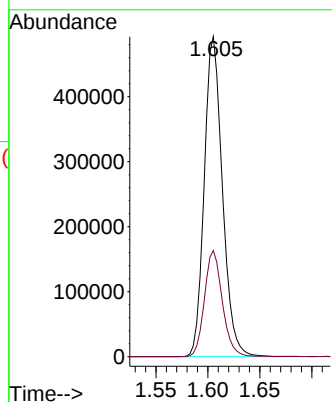
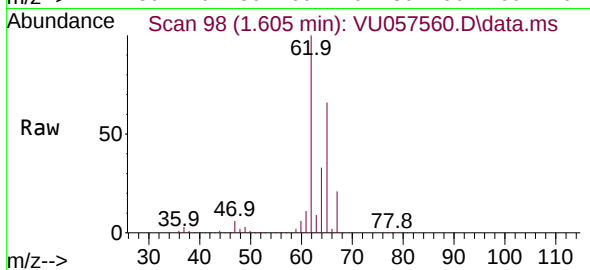
ClientSampleId :

Tgt Ion: 62 Resp: 599655

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.2



#6

Bromomethane

Concen: 126.057 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.003 min

Lab File: VU057560.D

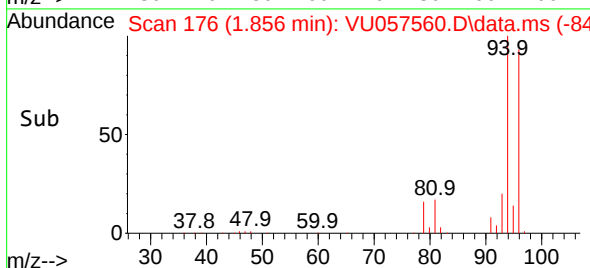
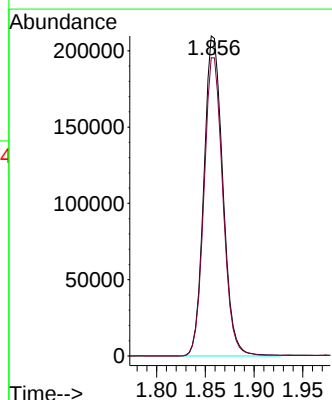
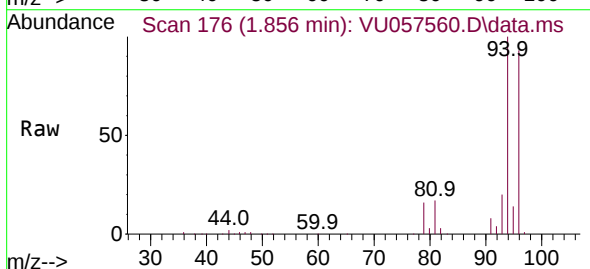
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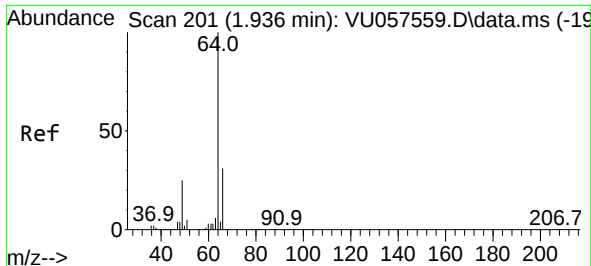
Tgt Ion: 94 Resp: 283190

Ion Ratio Lower Upper

94 100

96 93.2 65.8 122.2

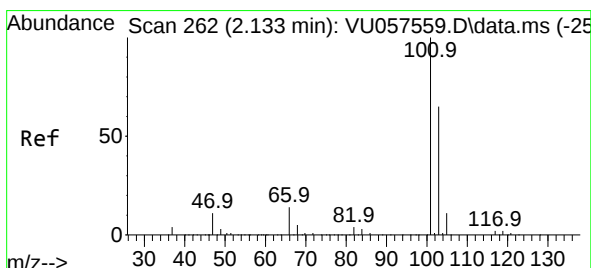
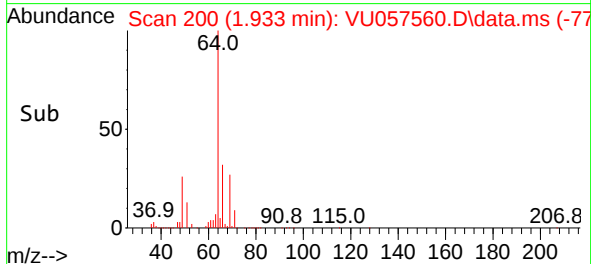
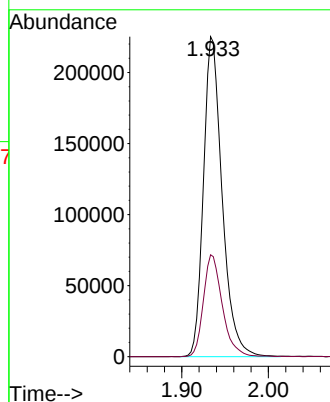
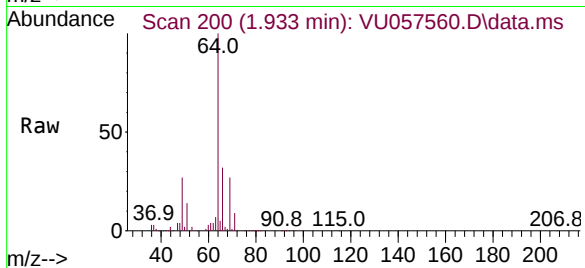




#8
Chloroethane
Concen: 120.304 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

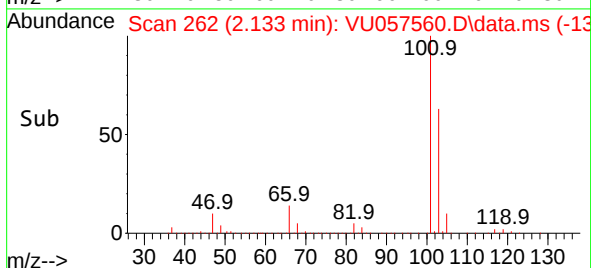
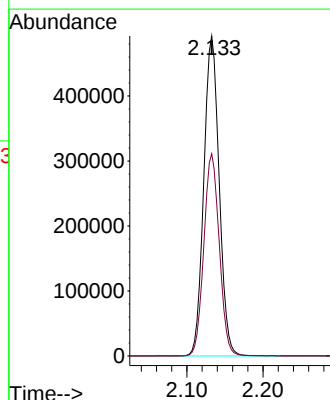
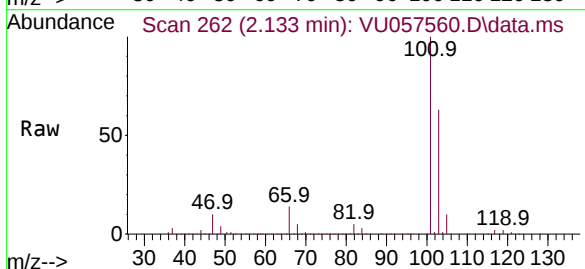
Instrument :
MSVOA_U
ClientSampleId :

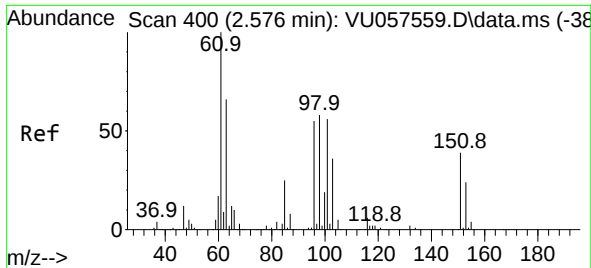
Tgt Ion: 64 Resp: 337702
Ion Ratio Lower Upper
64 100
66 31.8 21.9 40.7



#9
Trichlorofluoromethane
Concen: 113.822 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion: 101 Resp: 690313
Ion Ratio Lower Upper
101 100
103 63.4 51.8 77.6

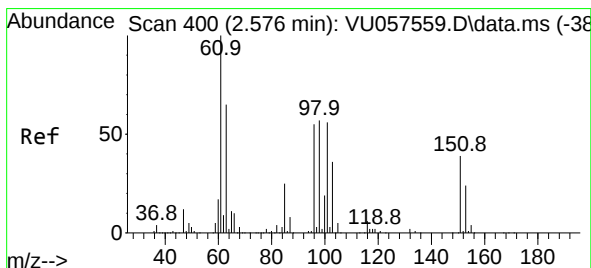
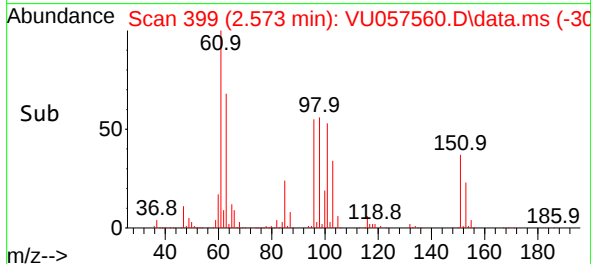
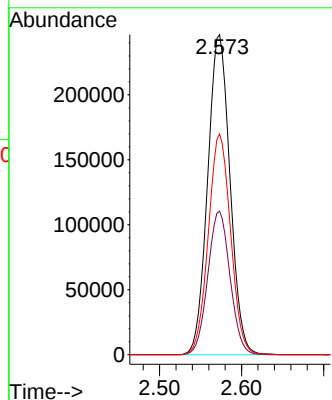
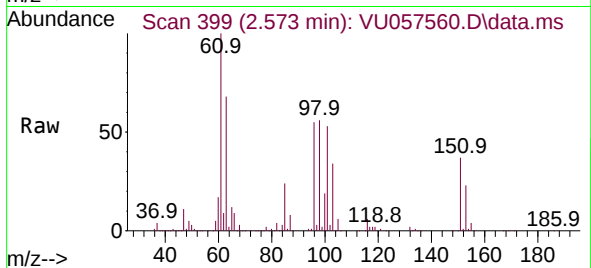




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 121.389 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU057560.D
 Acq: 18 Jan 2024 15:28

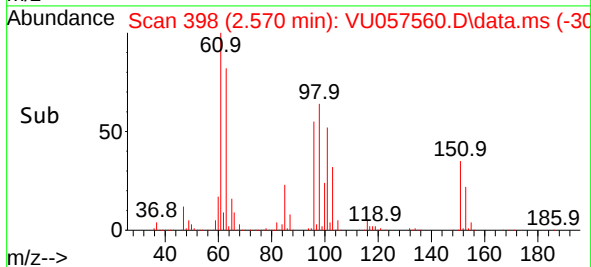
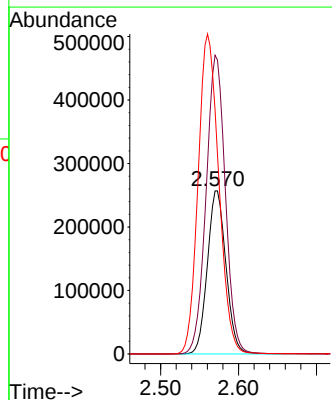
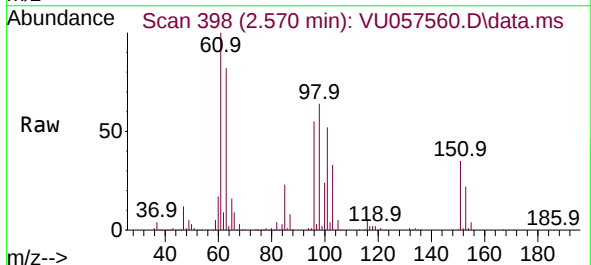
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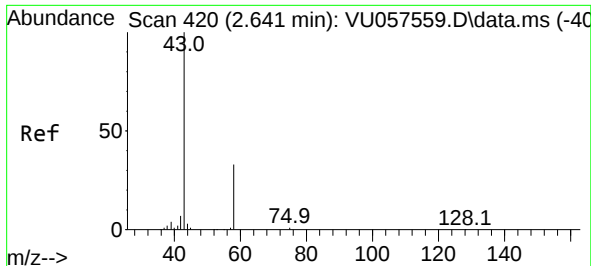
Tgt Ion:101 Resp: 466540
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.0 54.0
 151 69.0 55.8 83.8



#12
 1,1-Dichloroethene
 Concen: 124.395 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.006 min
 Lab File: VU057560.D
 Acq: 18 Jan 2024 15:28

Tgt Ion: 96 Resp: 426699
 Ion Ratio Lower Upper
 96 100
 61 183.1 127.7 237.1
 63 149.4 86.1 159.9





#13

Acetone

Concen: 226.750 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.000 min

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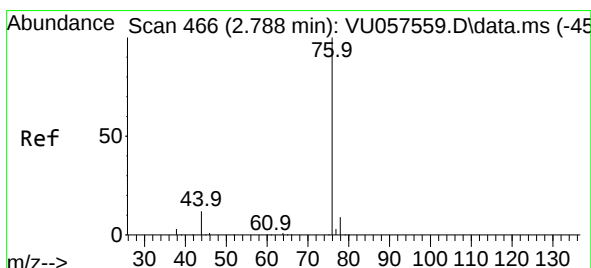
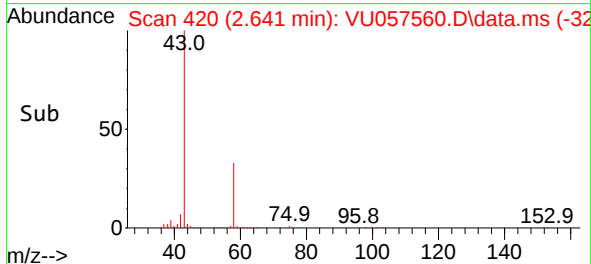
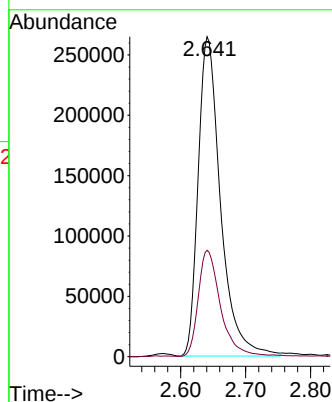
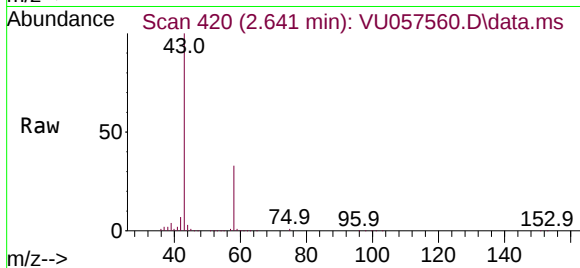
ClientSampleId :

Tgt Ion: 43 Resp: 634597

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.6



#14

Carbon disulfide

Concen: 116.134 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU057560.D

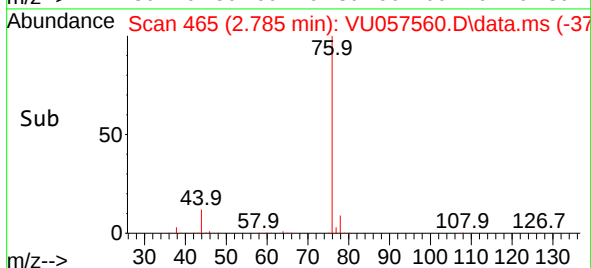
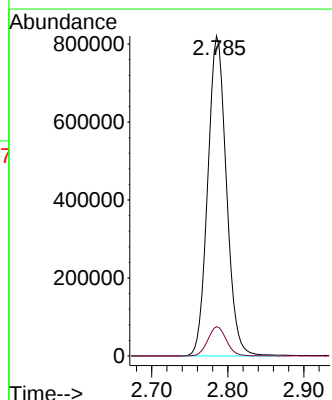
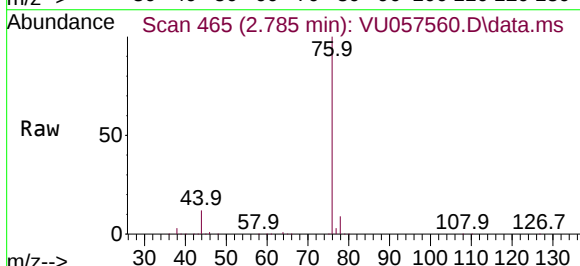
Acq: 18 Jan 2024 15:28

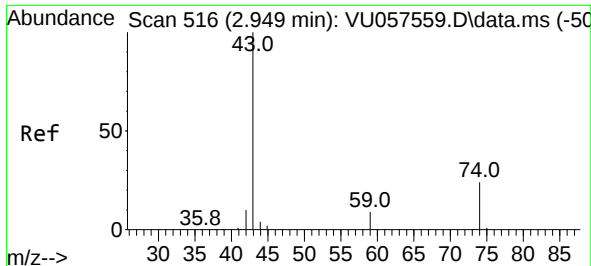
Tgt Ion: 76 Resp: 1400767

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

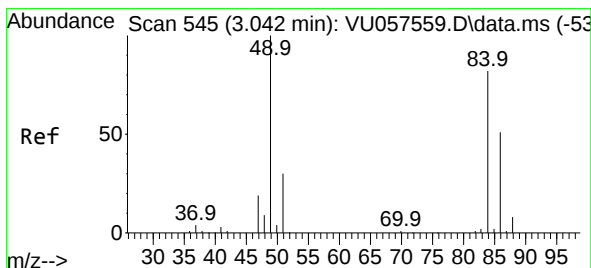
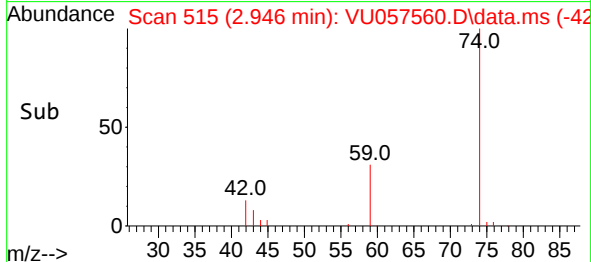
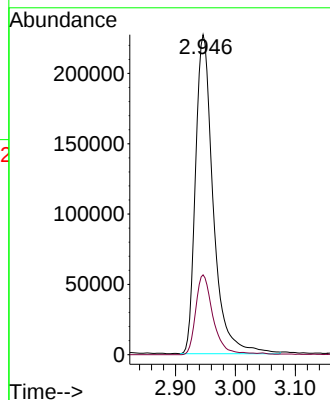
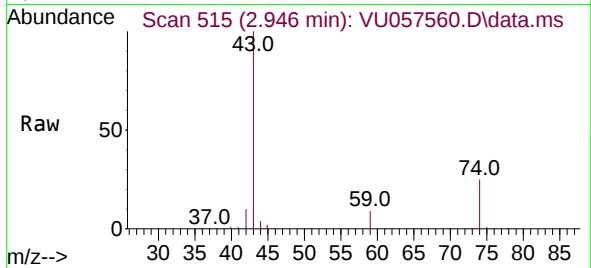




#15
Methyl Acetate
Concen: 125.461 ug/L
RT: 2.946 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

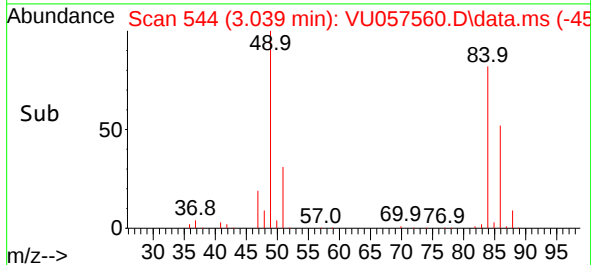
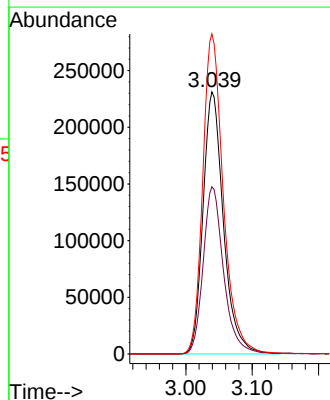
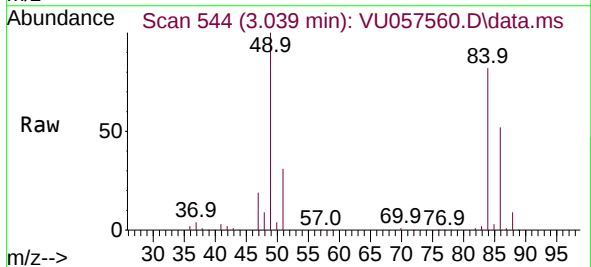
Instrument :
MSVOA_U
ClientSampleId :

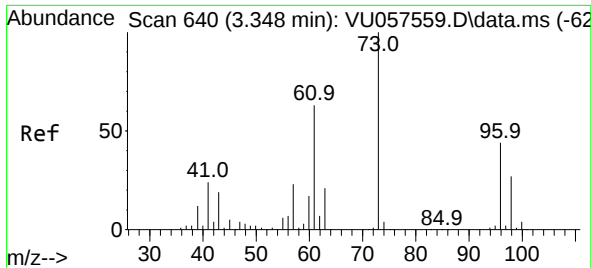
Tgt Ion: 43 Resp: 467504
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6



#16
Methylene chloride
Concen: 116.632 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion: 84 Resp: 494578
Ion Ratio Lower Upper
84 100
86 63.8 43.5 80.7
49 122.1 85.0 157.8

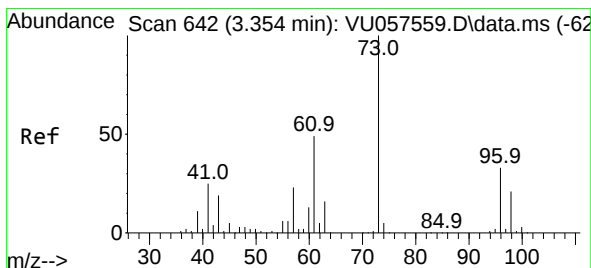
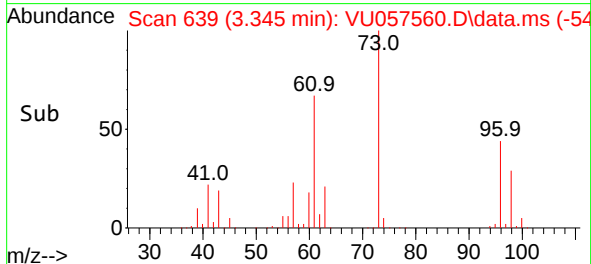
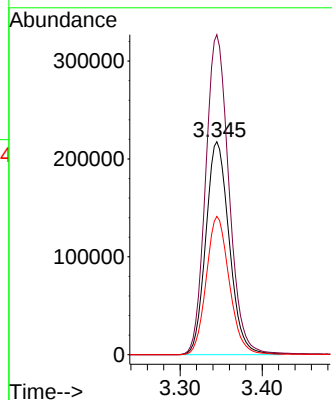
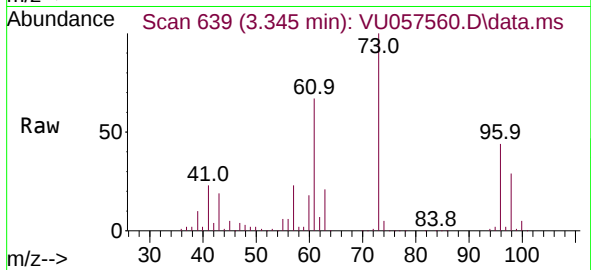




#17
trans-1,2-Dichloroethene
Concen: 119.983 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

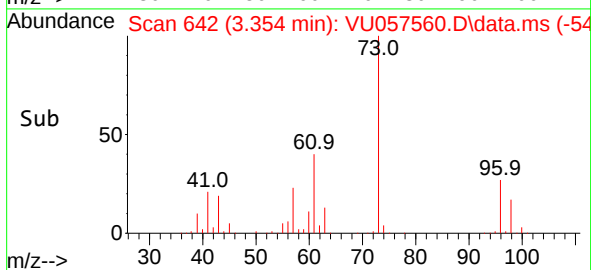
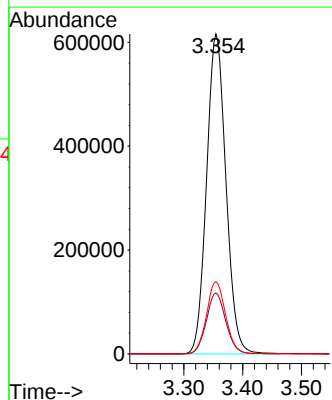
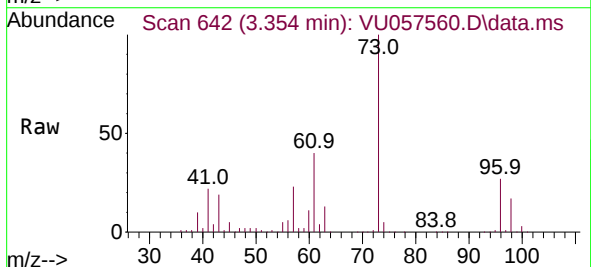
Instrument :
MSVOA_U
ClientSampleId :

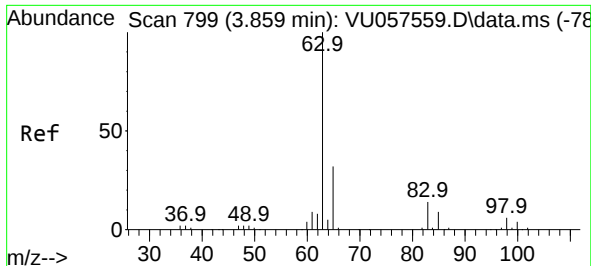
Tgt Ion: 96 Resp: 432124
Ion Ratio Lower Upper
96 100
61 150.2 101.0 187.6
98 64.9 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 127.246 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion: 73 Resp: 1409944
Ion Ratio Lower Upper
73 100
43 19.0 15.2 22.8
57 22.3 18.2 27.4





#19

1,1-Dichloroethane

Concen: 116.627 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

ClientSampleId :

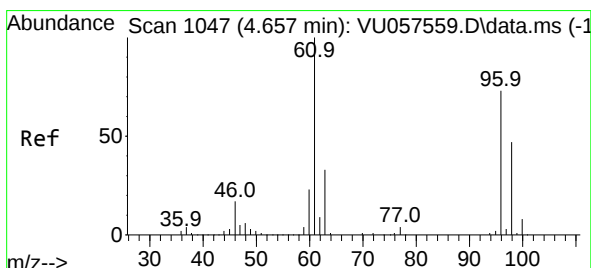
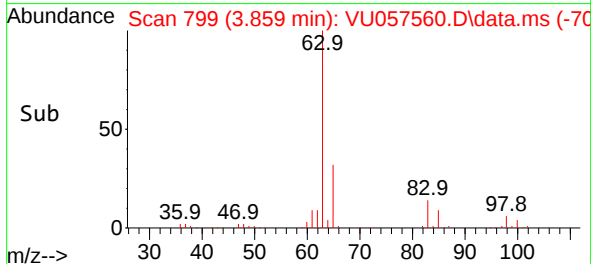
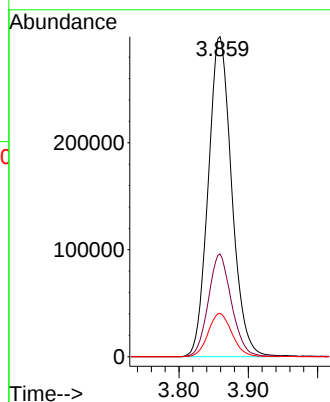
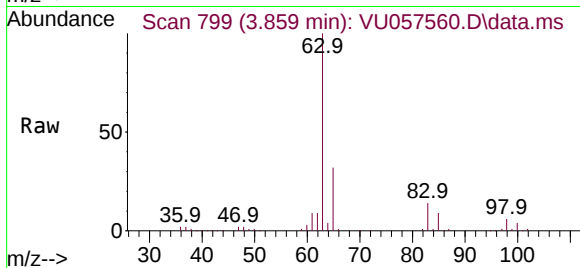
Tgt Ion: 63 Resp: 704181

Ion Ratio Lower Upper

63 100

65 32.1 22.1 41.1

83 13.6 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 116.025 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

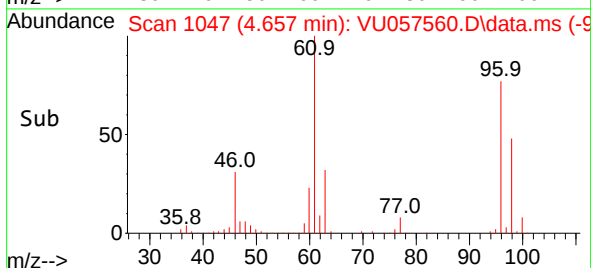
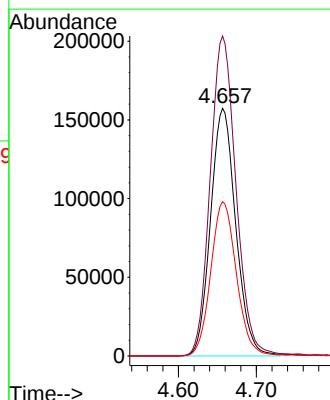
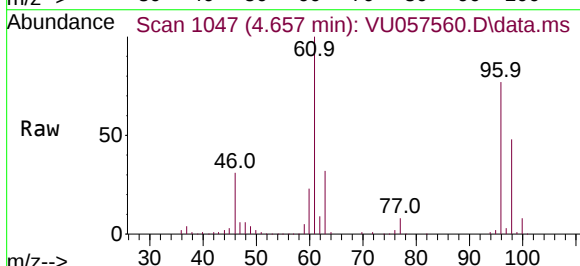
Tgt Ion: 96 Resp: 354372

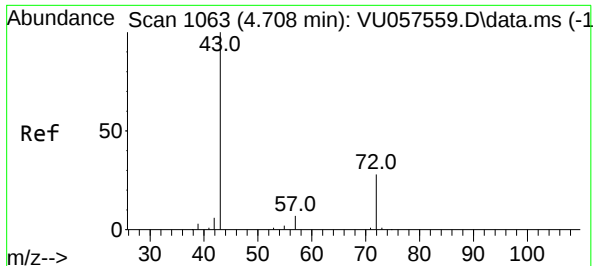
Ion Ratio Lower Upper

96 100

61 129.2 96.2 178.6

98 62.2 45.2 84.0





#22

2-Butanone

Concen: 227.286 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

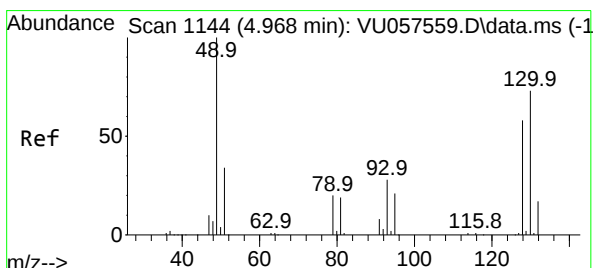
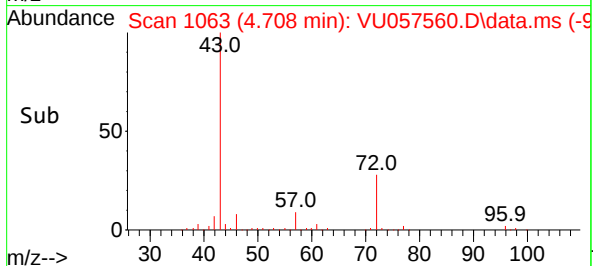
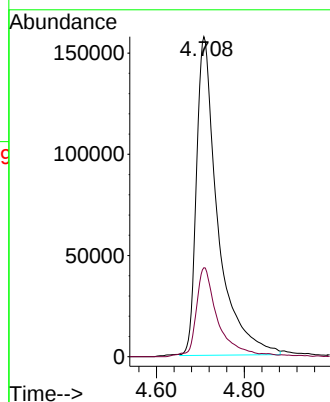
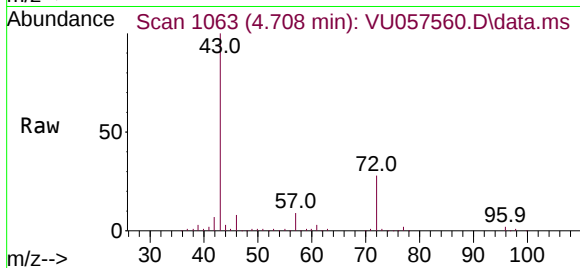
ClientSampleId :

Tgt Ion: 43 Resp: 530928

Ion Ratio Lower Upper

43 100

72 25.8 12.9 38.7



#23

Bromochloromethane

Concen: 113.537 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Tgt Ion:128 Resp: 185782

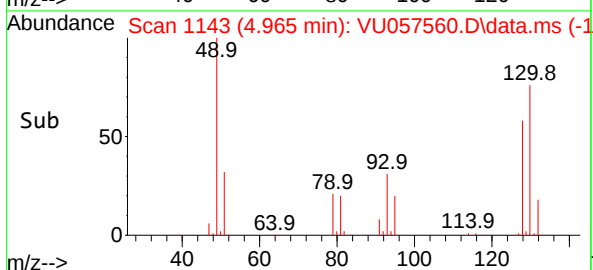
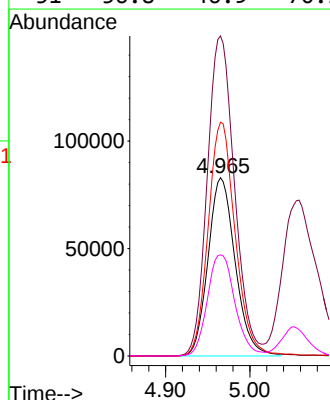
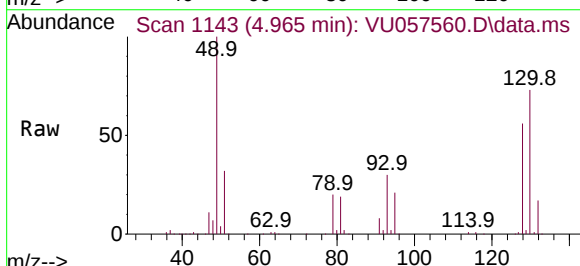
Ion Ratio Lower Upper

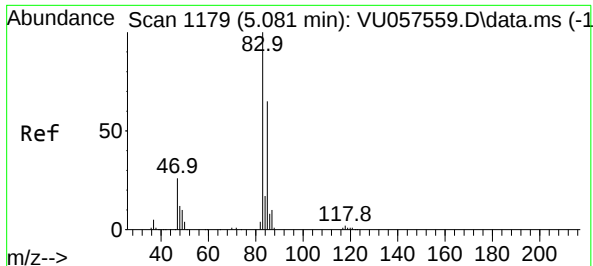
128 100

49 179.6 122.0 226.6

130 131.2 88.5 164.3

51 56.8 46.9 70.3





#25

Chloroform

Concen: 113.784 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

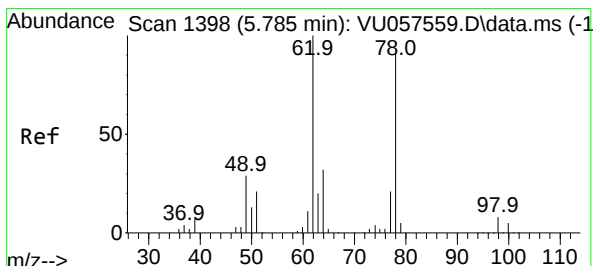
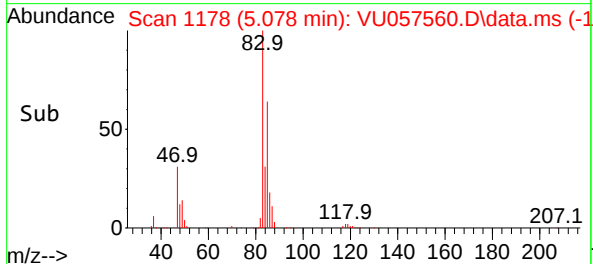
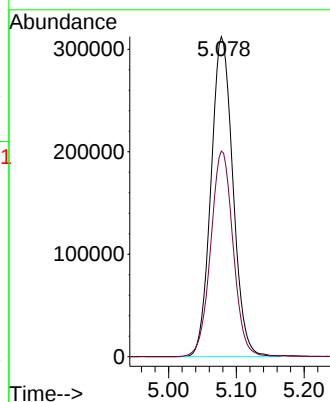
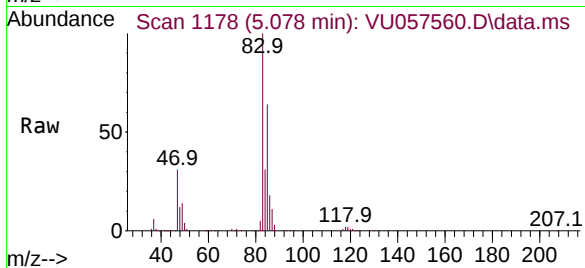
ClientSampleId :

Tgt Ion: 83 Resp: 702574

Ion Ratio Lower Upper

83 100

85 64.2 45.5 84.5



#27

1,2-Dichloroethane

Concen: 123.798 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU057560.D

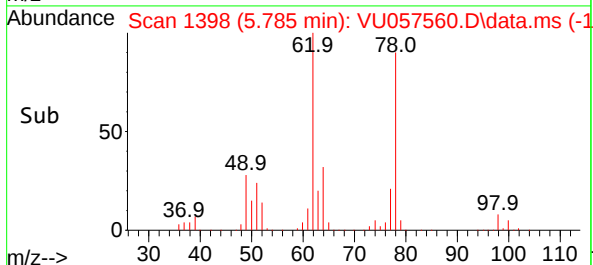
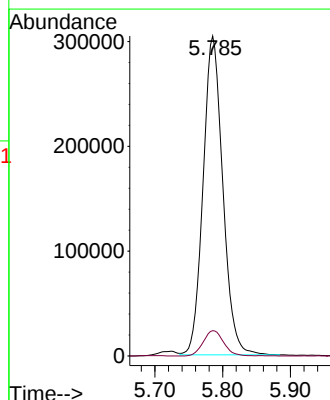
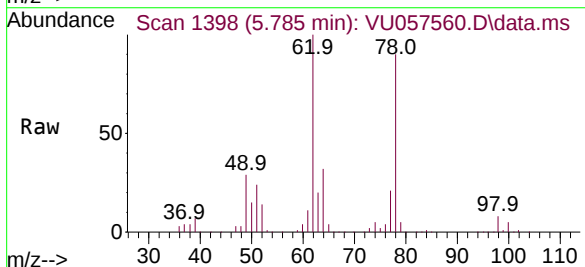
Acq: 18 Jan 2024 15:28

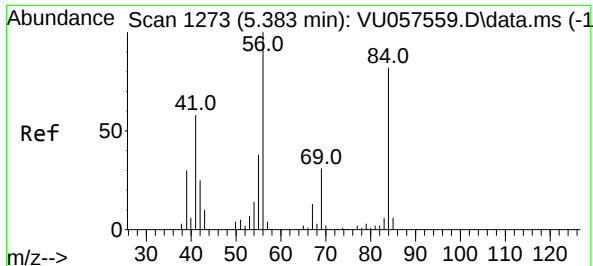
Tgt Ion: 62 Resp: 614977

Ion Ratio Lower Upper

62 100

98 7.9 6.4 9.6





#29

Cyclohexane

Concen: 95.485 ug/L

RT: 5.380 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

ClientSampleId :

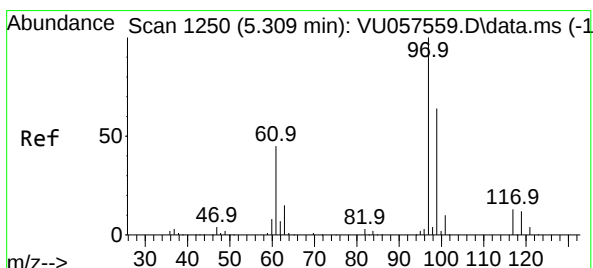
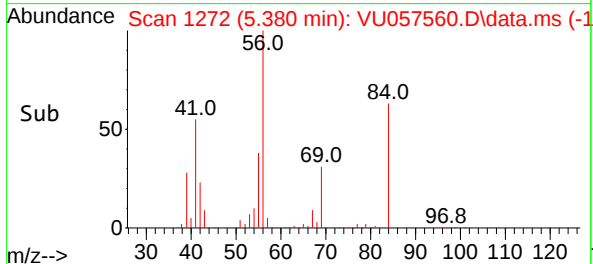
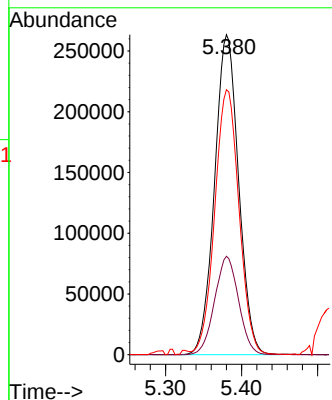
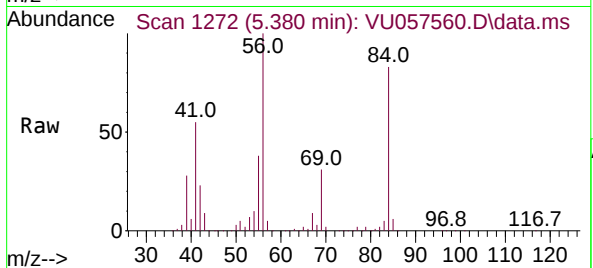
Tgt Ion: 56 Resp: 578545

Ion Ratio Lower Upper

56 100

69 30.6 25.4 38.2

84 83.7 67.4 101.0



#30

1,1,1-Trichloroethane

Concen: 81.548 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

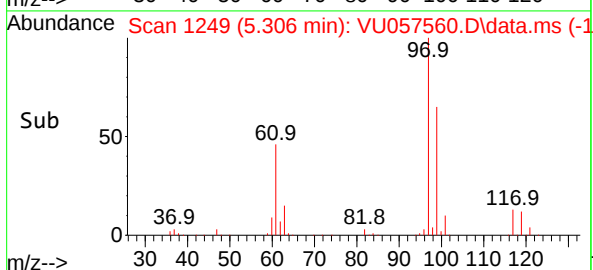
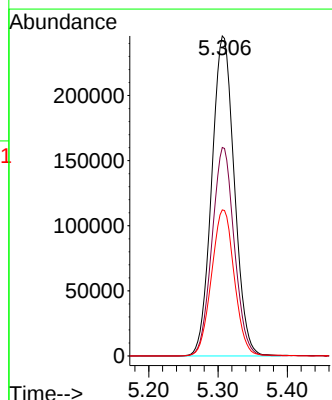
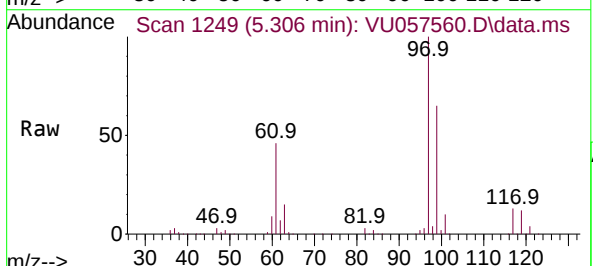
Tgt Ion: 97 Resp: 556989

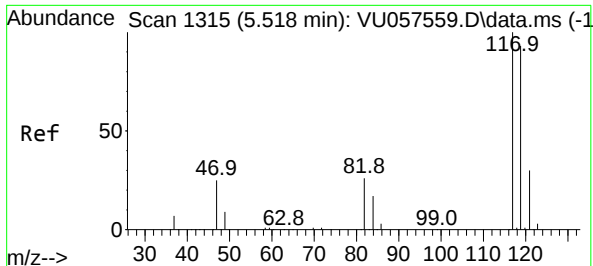
Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

61 46.0 36.9 55.3

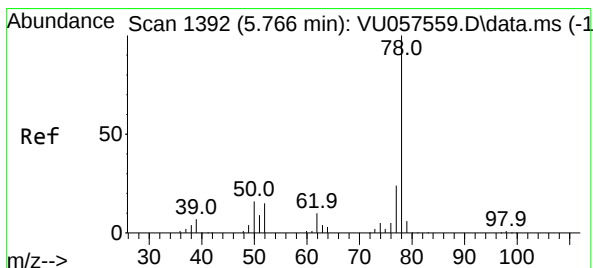
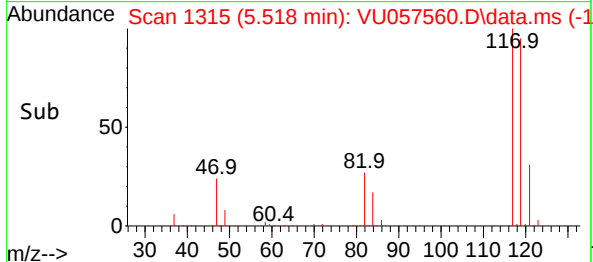
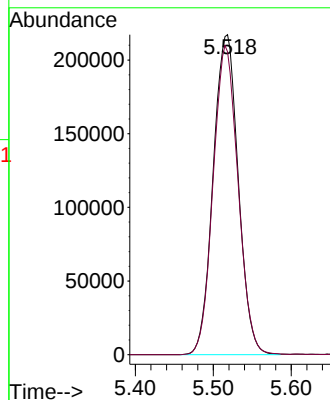
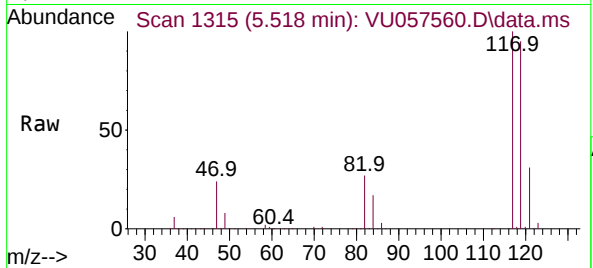




#31
Carbon tetrachloride
Concen: 87.661 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

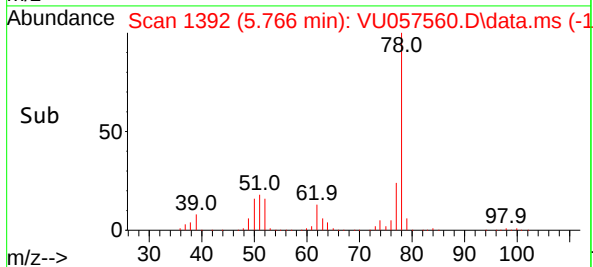
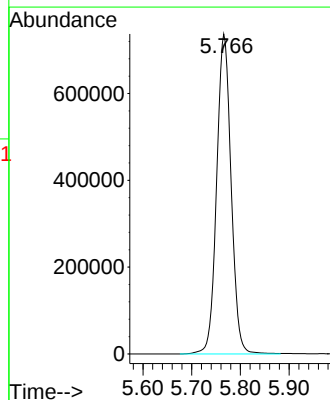
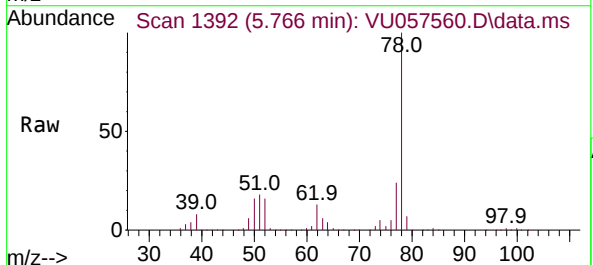
Instrument :
MSVOA_U
ClientSampleId :

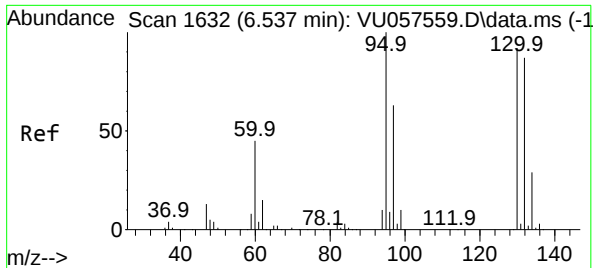
Tgt Ion:117 Resp: 485777
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8



#33
Benzene
Concen: 90.772 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion: 78 Resp: 1519972

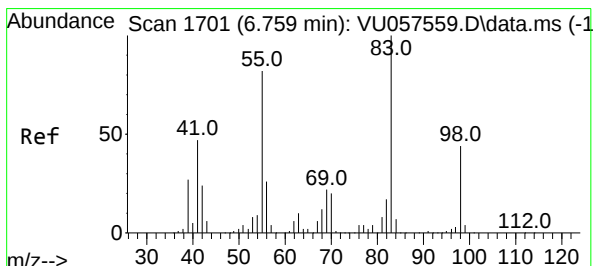
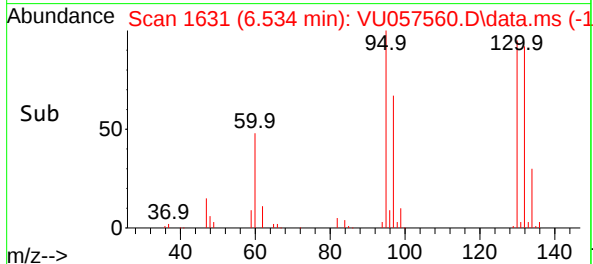
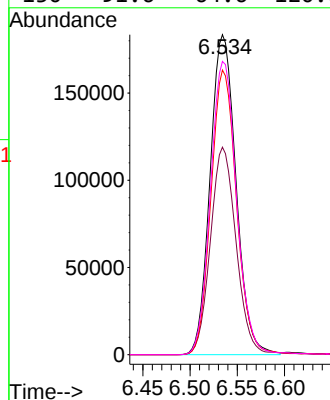
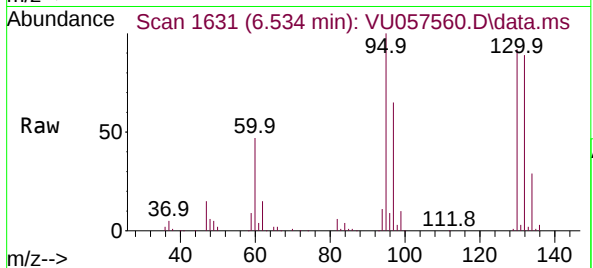




#34
Trichloroethene
Concen: 70.987 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

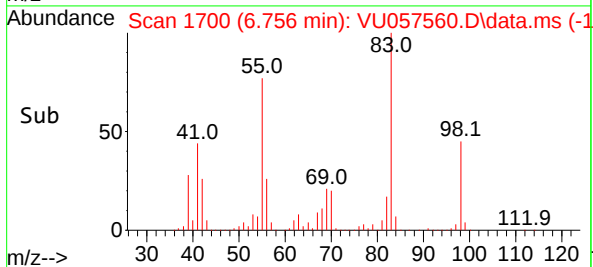
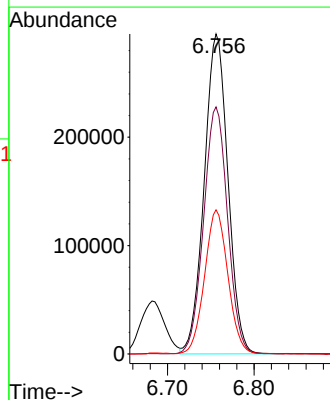
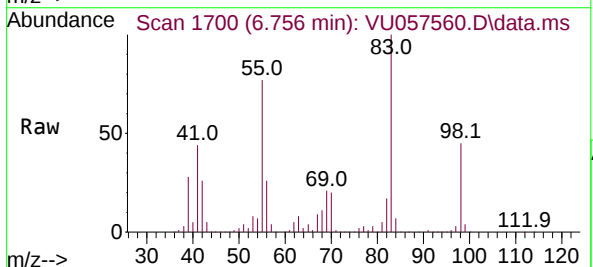
Instrument :
MSVOA_U
ClientSampleId :

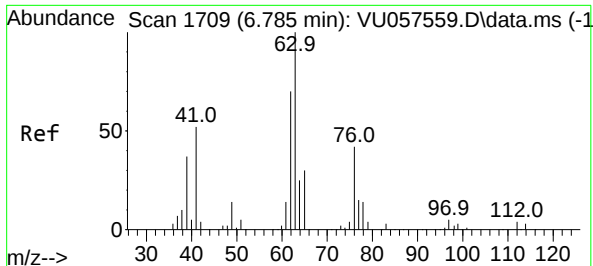
Tgt Ion: 95 Resp: 350100
Ion Ratio Lower Upper
95 100
97 64.8 44.4 82.4
132 88.9 60.8 113.0
130 91.6 64.6 120.0



#35
Methylcyclohexane
Concen: 73.695 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion: 83 Resp: 562419
Ion Ratio Lower Upper
83 100
55 78.0 65.8 98.6
98 44.2 34.8 52.2





#37

1,2-Dichloropropane

Concen: 68.205 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

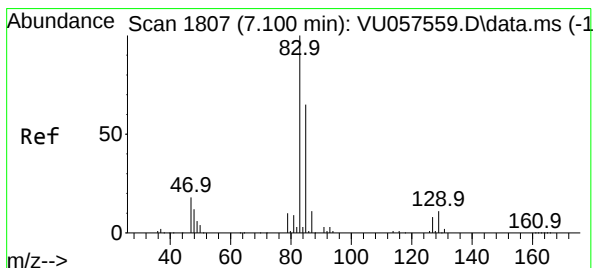
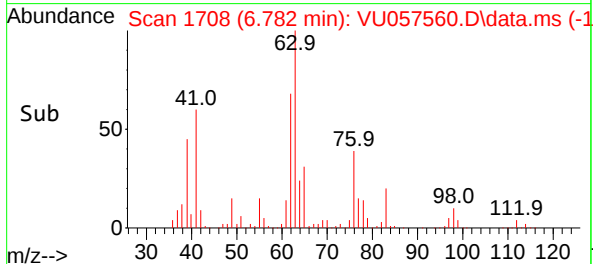
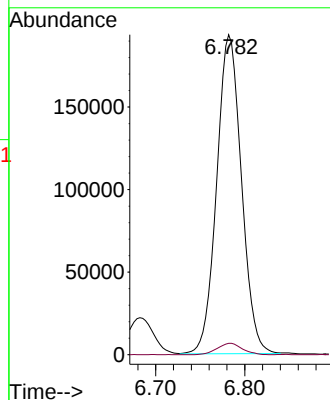
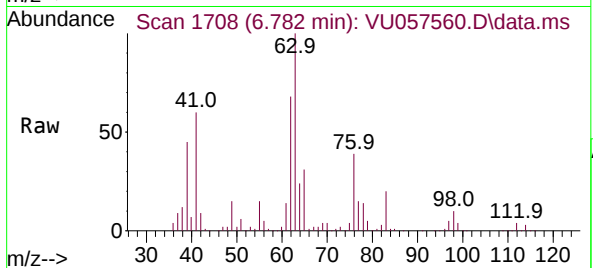
ClientSampleId :

Tgt Ion: 63 Resp: 373620

Ion Ratio Lower Upper

63 100

112 3.6 2.9 4.3



#38

Bromodichloromethane

Concen: 78.677 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

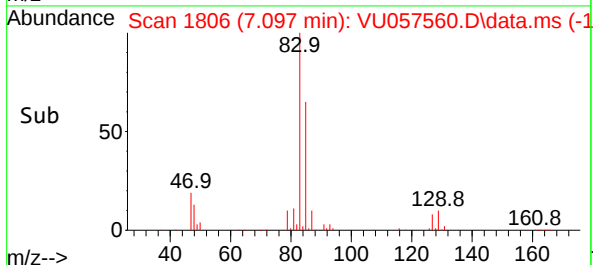
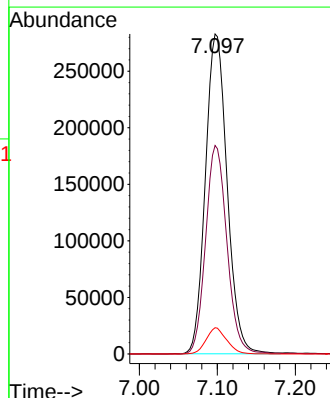
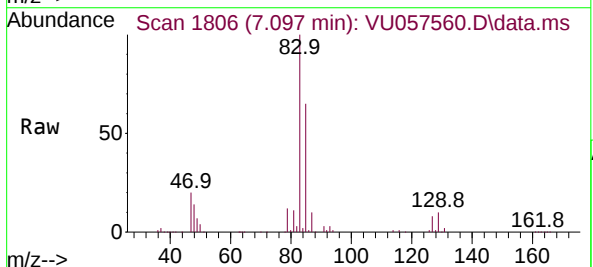
Tgt Ion: 83 Resp: 548624

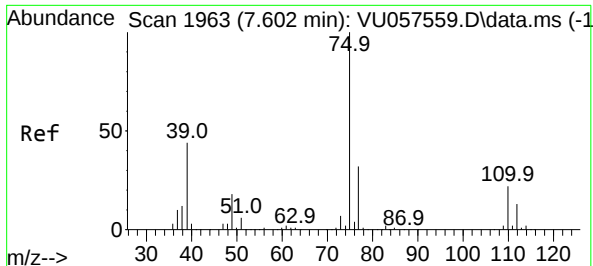
Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2

127 8.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 77.891 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

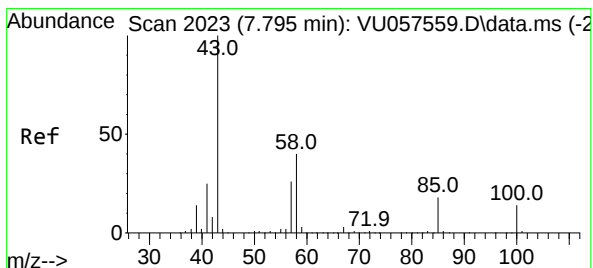
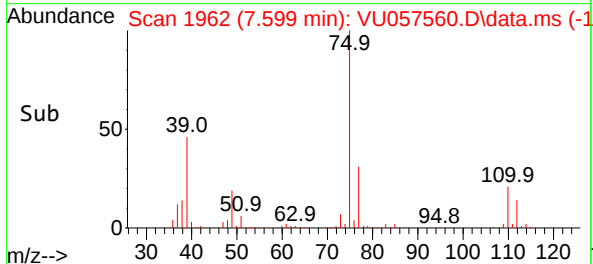
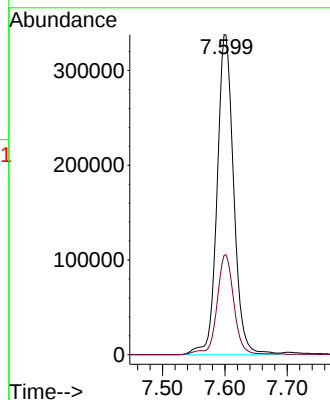
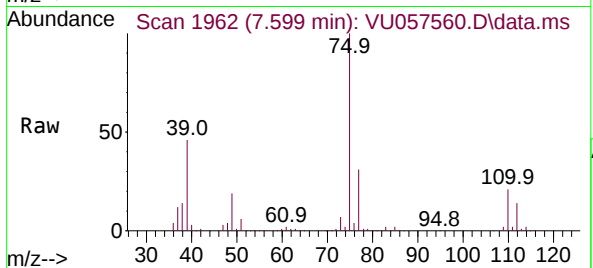
ClientSampleId :

Tgt Ion: 75 Resp: 624083

Ion Ratio Lower Upper

75 100

77 31.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 165.093 ug/L

RT: 7.811 min Scan# 2028

Delta R.T. 0.016 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

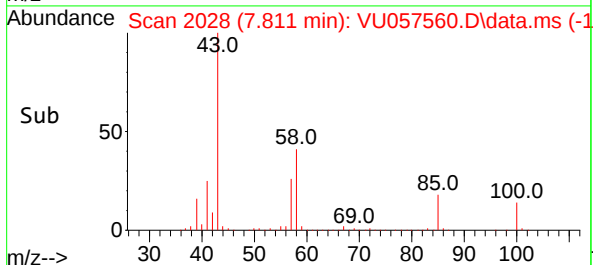
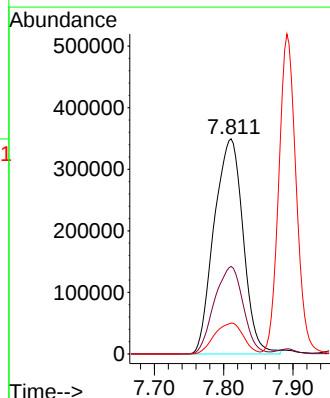
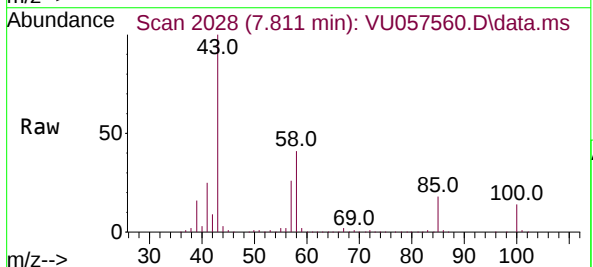
Tgt Ion: 43 Resp: 1017882

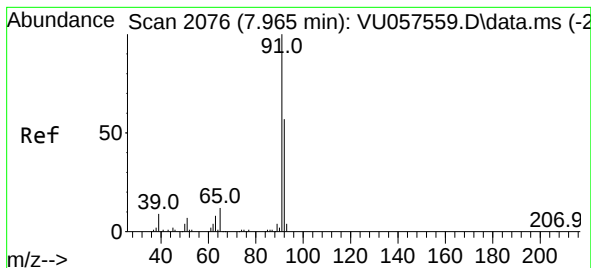
Ion Ratio Lower Upper

43 100

58 40.4 32.2 48.2

100 14.3 11.2 16.8





#42

Toluene

Concen: 93.910 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

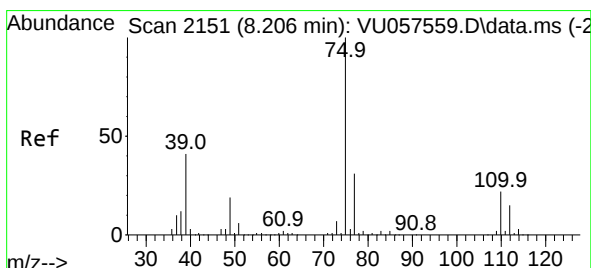
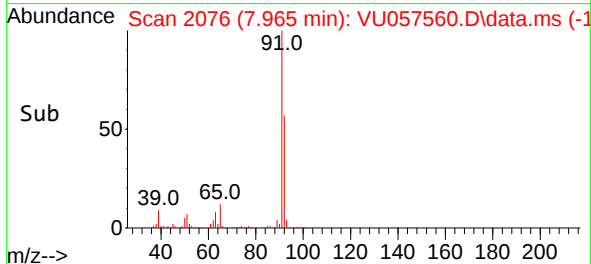
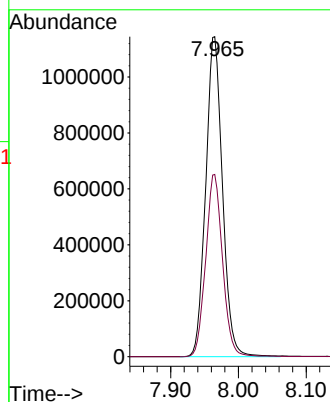
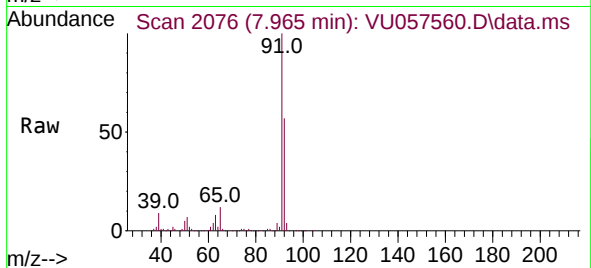
ClientSampleId :

Tgt Ion: 91 Resp: 1967882

Ion Ratio Lower Upper

91 100

92 56.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 97.679 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU057560.D

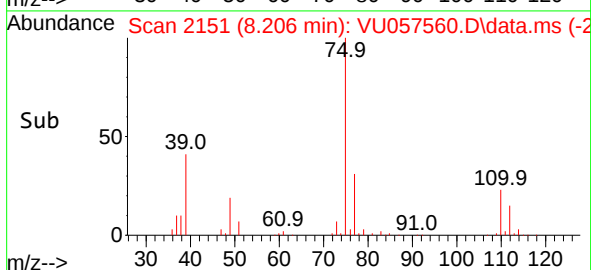
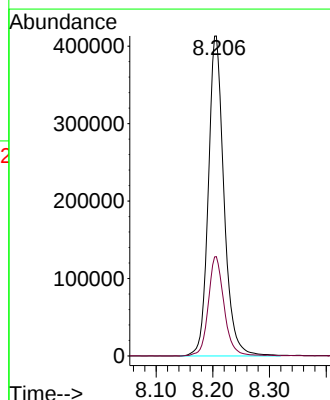
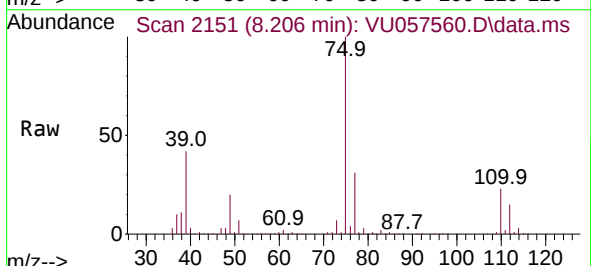
Acq: 18 Jan 2024 15:28

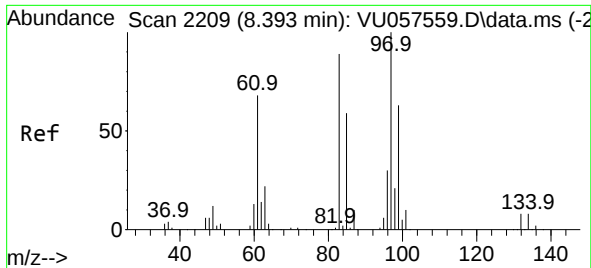
Tgt Ion: 75 Resp: 793615

Ion Ratio Lower Upper

75 100

77 31.1 22.0 40.8



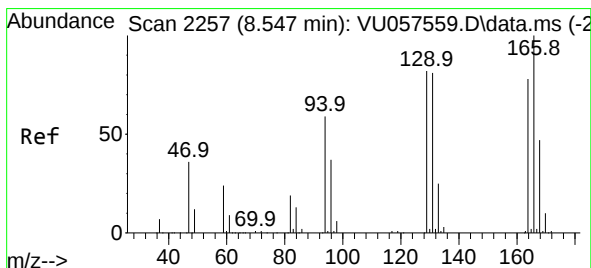
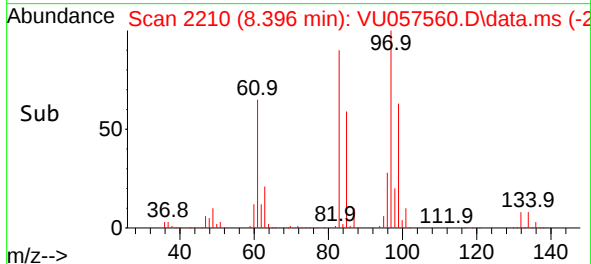
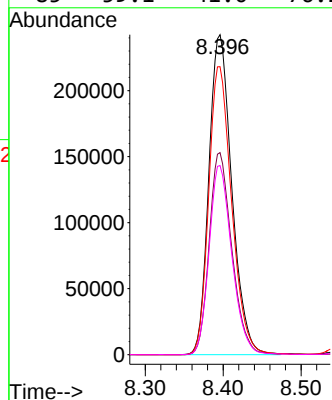
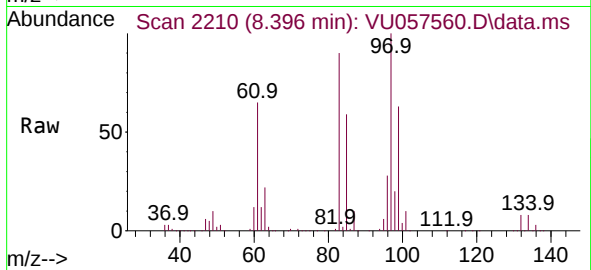


#45
1,1,2-Trichloroethane
Concen: 95.314 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 497115

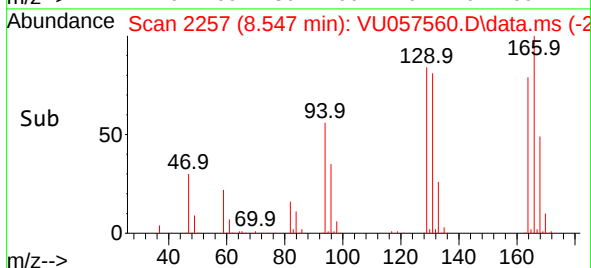
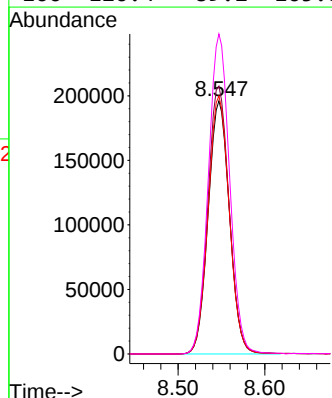
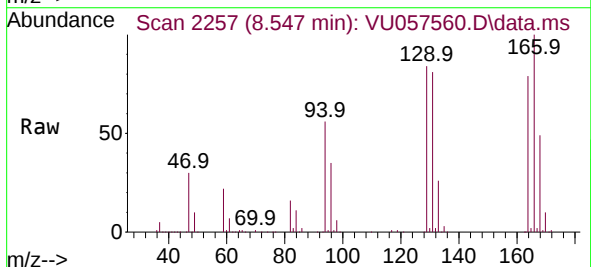
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.2	82.2
83	90.0	62.2	115.6
85	59.1	41.0	76.2

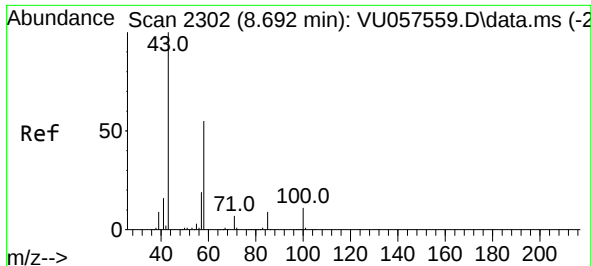


#46
Tetrachloroethene
Concen: 95.072 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion: 164 Resp: 334803

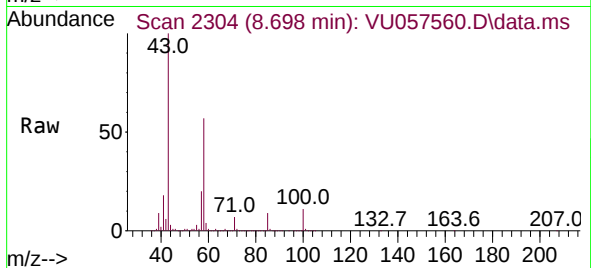
Ion	Ratio	Lower	Upper
164	100		
129	105.8	73.5	136.5
131	102.0	72.1	133.9
166	126.4	89.2	165.8





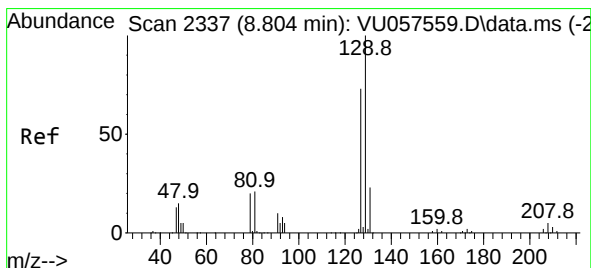
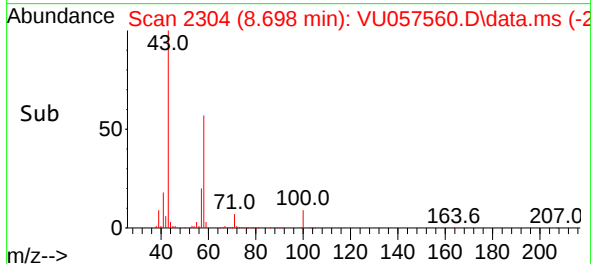
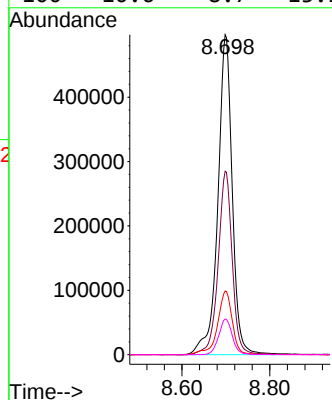
#48
2-Hexanone
Concen: 208.538 ug/L
RT: 8.698 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1132080

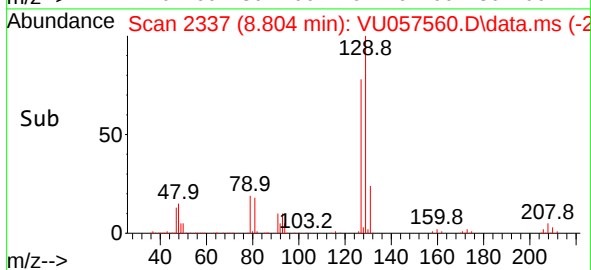
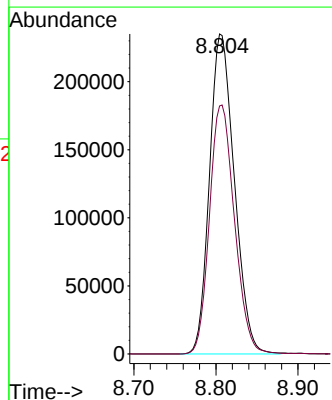
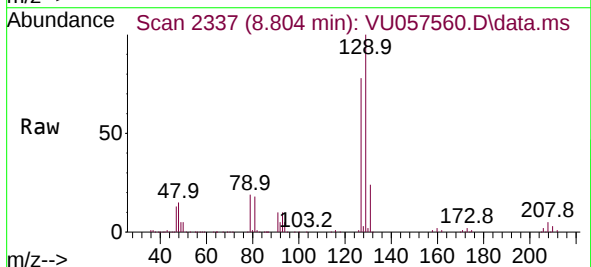
Ion	Ratio	Lower	Upper
43	100		
58	56.0	47.0	70.6
57	19.6	15.7	23.5
100	10.6	8.7	13.1

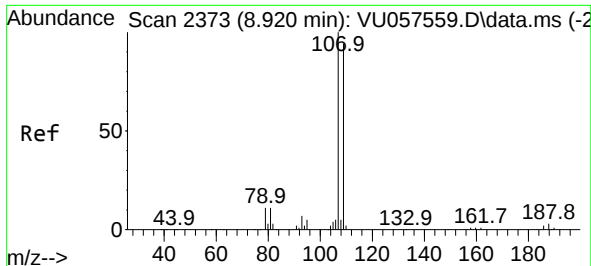


#49
Dibromochloromethane
Concen: 94.941 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion: 129 Resp: 494919

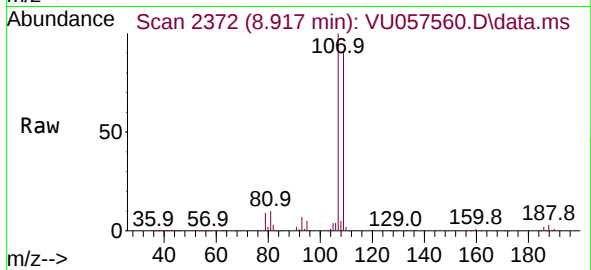
Ion	Ratio	Lower	Upper
129	100		
127	77.5	51.2	95.0



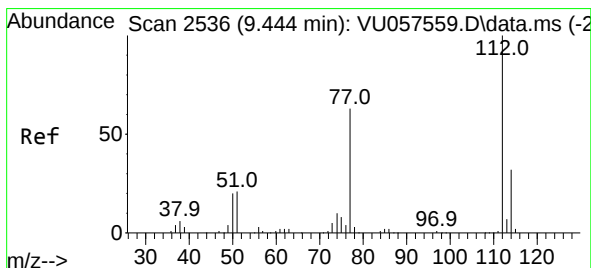
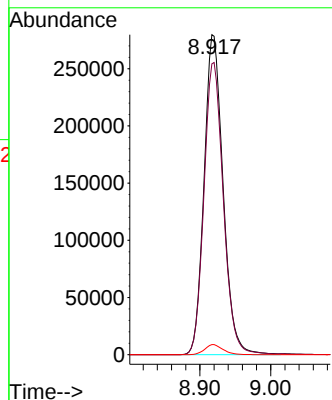
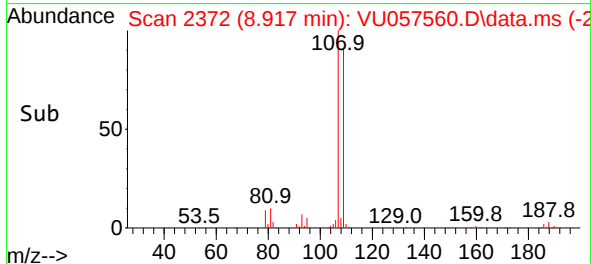


#50
1,2-Dibromoethane
Concen: 96.531 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Instrument :
MSVOA_U
ClientSampleId :

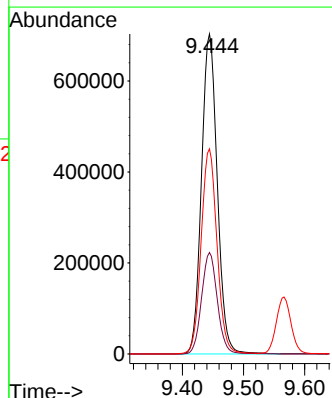
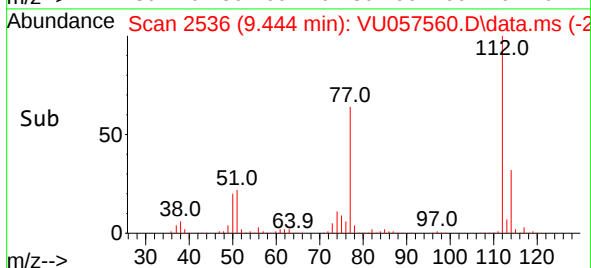
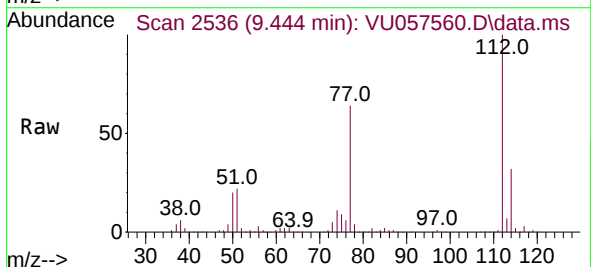


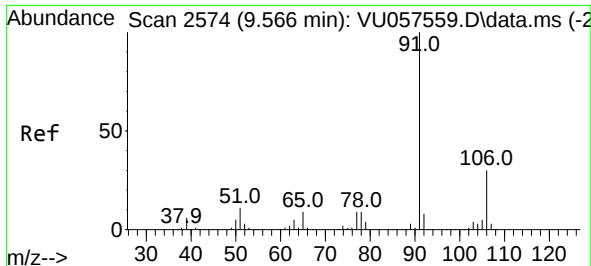
Tgt Ion:107 Resp: 521655
Ion Ratio Lower Upper
107 100
109 90.9 65.6 121.8
188 3.2 2.2 3.4



#51
Chlorobenzene
Concen: 102.792 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion:112 Resp: 1261467
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.3
77 64.1 50.2 75.4

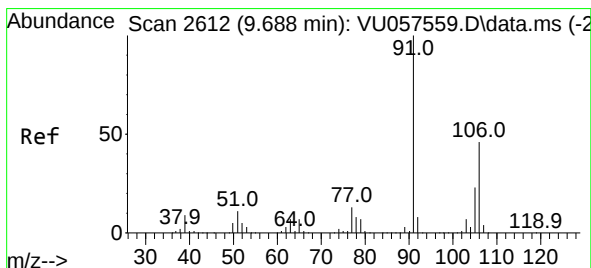
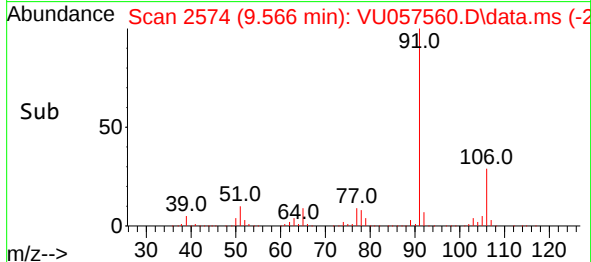
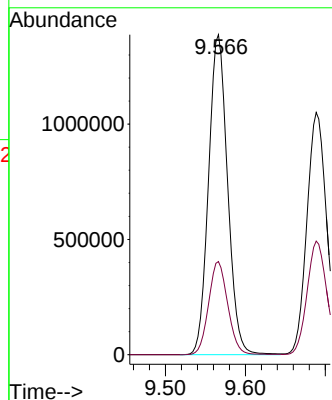
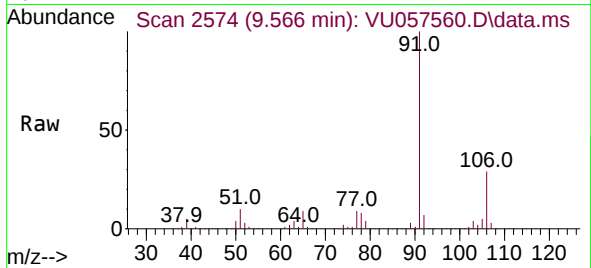




#52
Ethylbenzene
Concen: 112.012 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

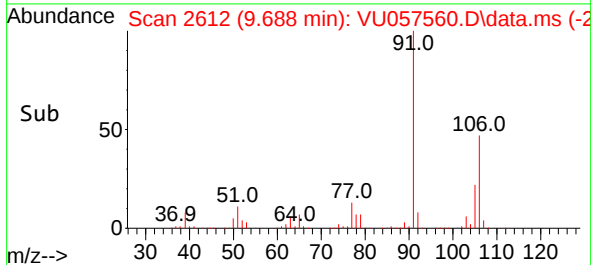
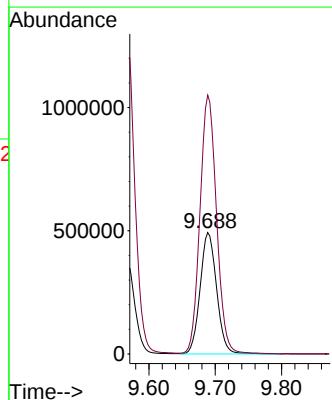
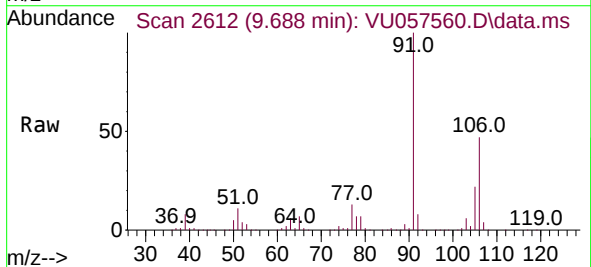
Instrument :
MSVOA_U
ClientSampleId :

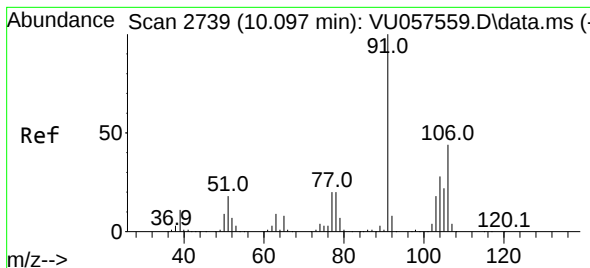
Tgt Ion: 91 Resp: 2295788
Ion Ratio Lower Upper
91 100
106 29.1 20.9 38.9



#53
m,p-Xylene
Concen: 112.911 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion:106 Resp: 851245
Ion Ratio Lower Upper
106 100
91 213.1 152.2 282.6





#54

o-Xylene

Concen: 112.334 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

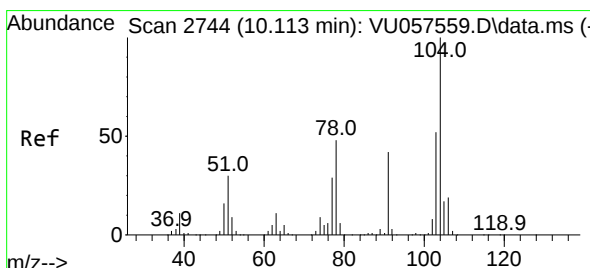
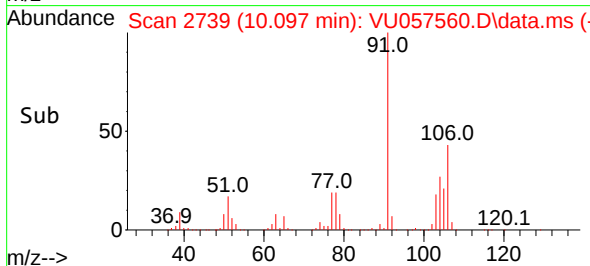
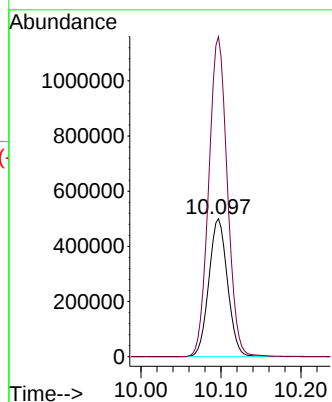
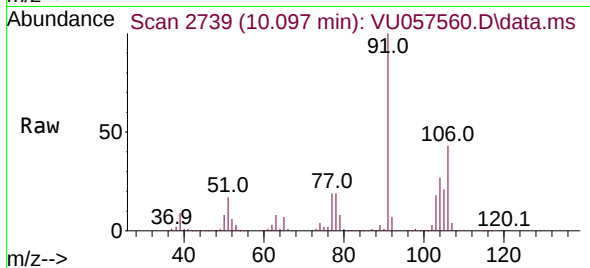
ClientSampleId :

Tgt Ion:106 Resp: 813479

Ion Ratio Lower Upper

106 100

91 232.0 160.9 298.9



#55

Styrene

Concen: 116.546 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU057560.D

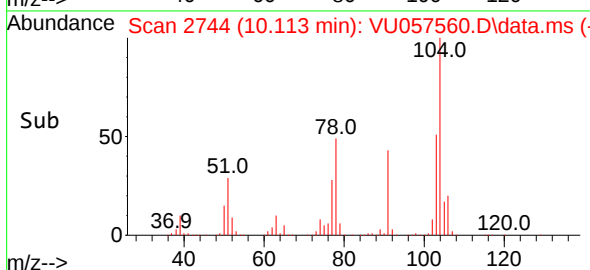
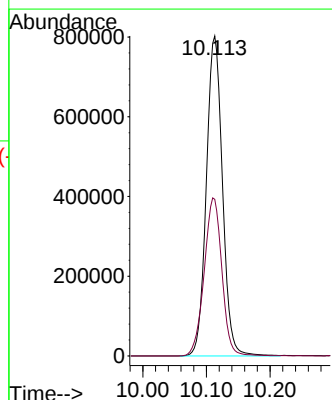
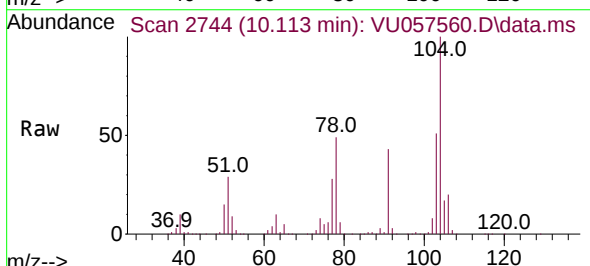
Acq: 18 Jan 2024 15:28

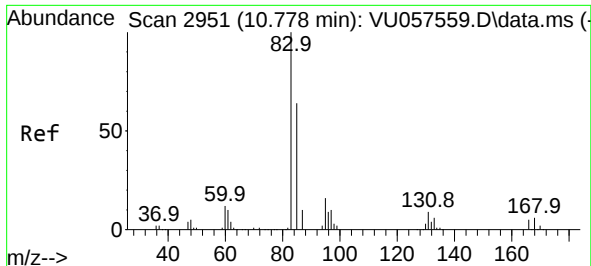
Tgt Ion:104 Resp: 1413077

Ion Ratio Lower Upper

104 100

78 48.9 33.9 63.0

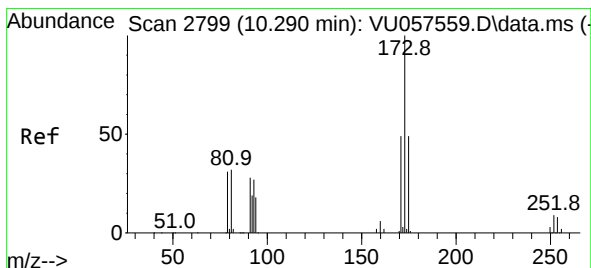
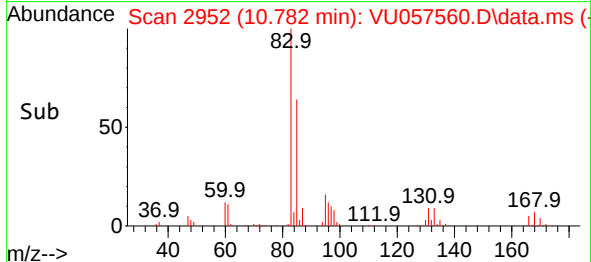
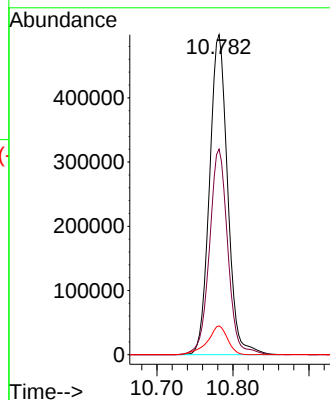
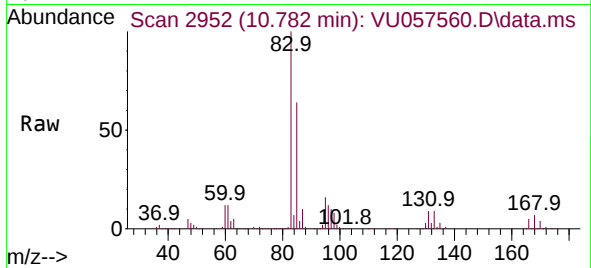




#57
1,1,2,2-Tetrachloroethane
Concen: 105.159 ug/L
RT: 10.782 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

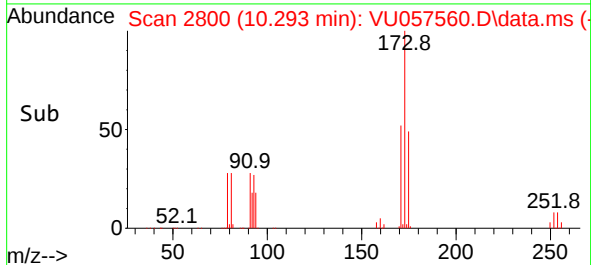
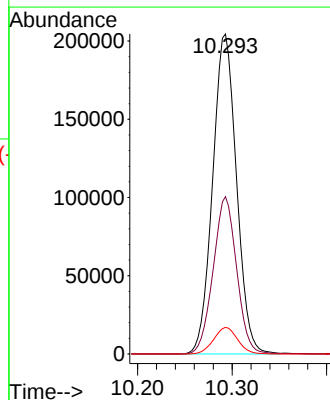
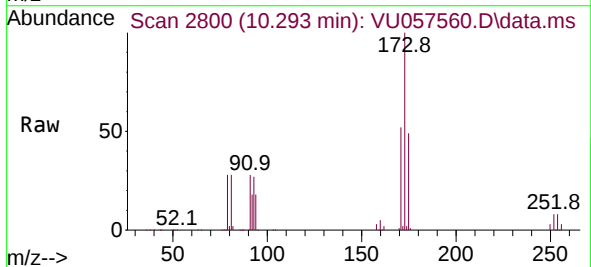
Instrument :
MSVOA_U
ClientSampleId :

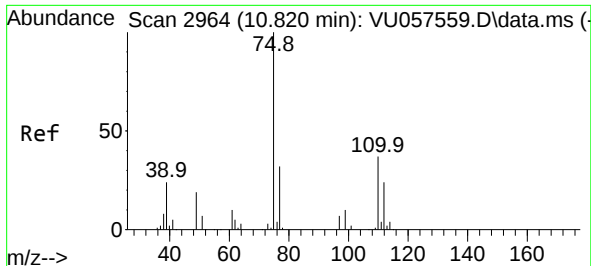
Tgt Ion: 83 Resp: 821753
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9
131 9.0 7.1 10.7



#59
Bromoform
Concen: 126.170 ug/L
RT: 10.293 min Scan# 2800
Delta R.T. 0.003 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion:173 Resp: 358662
Ion Ratio Lower Upper
173 100
175 48.3 37.8 56.8
254 8.3 6.8 10.2

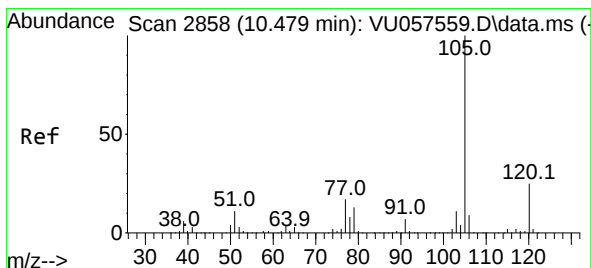
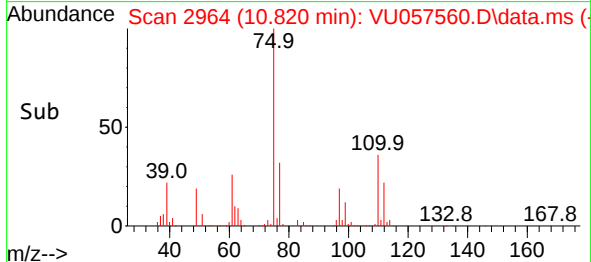
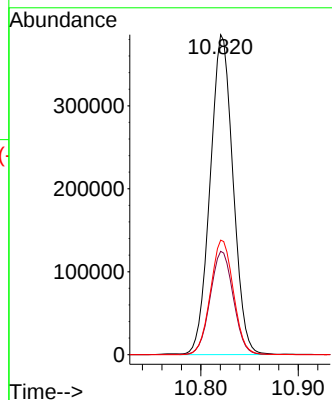
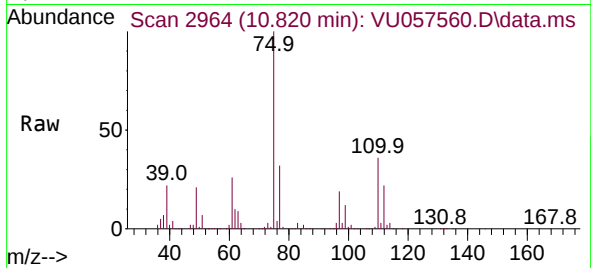




#60
1,2,3-Trichloropropane
Concen: 128.159 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

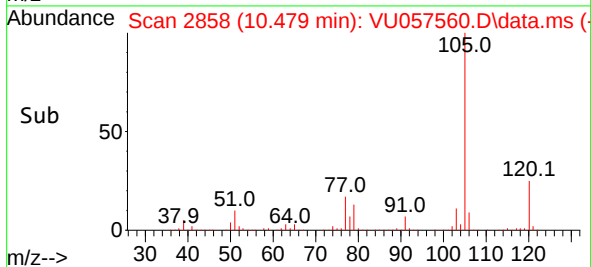
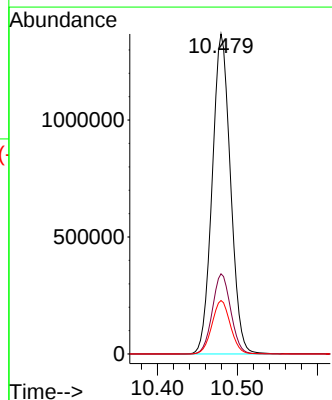
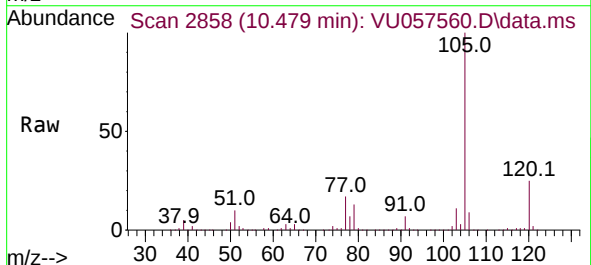
Instrument :
MSVOA_U
ClientSampleId :

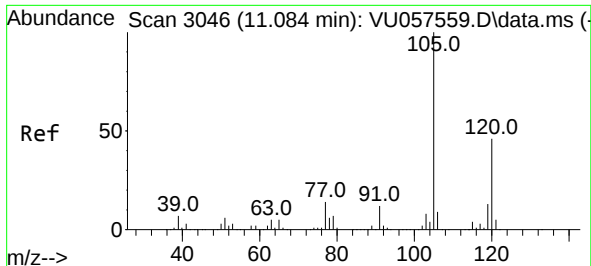
Tgt Ion: 75 Resp: 628819
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 36.0 29.1 43.7



#61
Isopropylbenzene
Concen: 141.747 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Tgt Ion: 105 Resp: 2169799
Ion Ratio Lower Upper
105 100
120 25.2 19.9 29.9
77 16.8 13.7 20.5





#62

1,3,5-Trimethylbenzene

Concen: 129.995 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

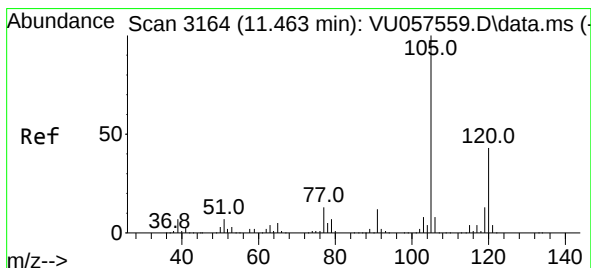
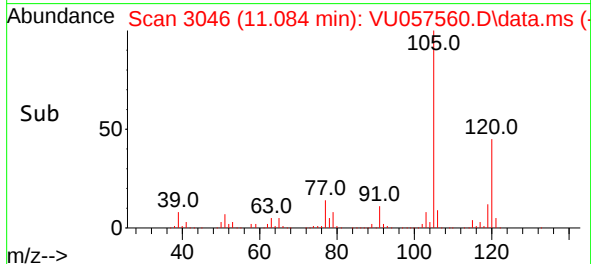
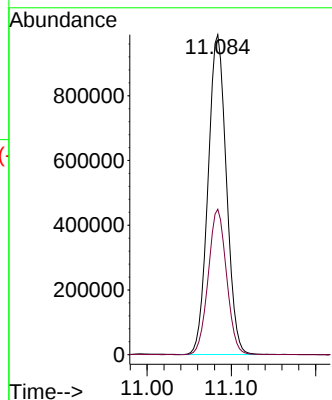
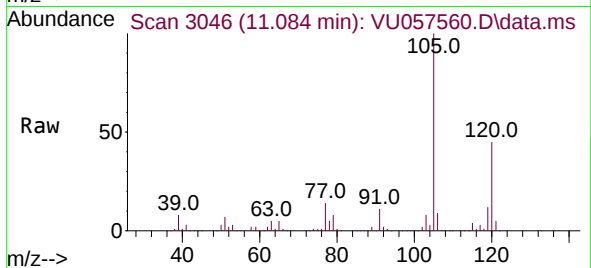
ClientSampleId :

Tgt Ion:105 Resp: 1495524

Ion Ratio Lower Upper

105 100

120 45.4 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 122.442 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU057560.D

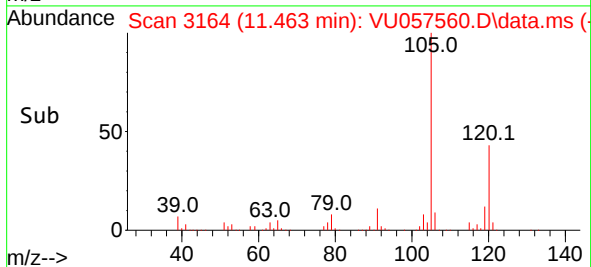
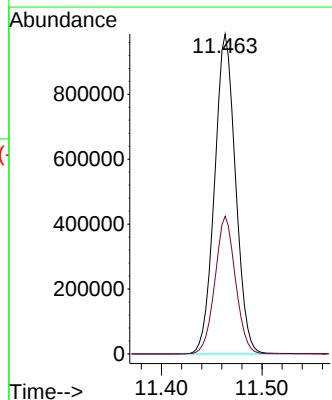
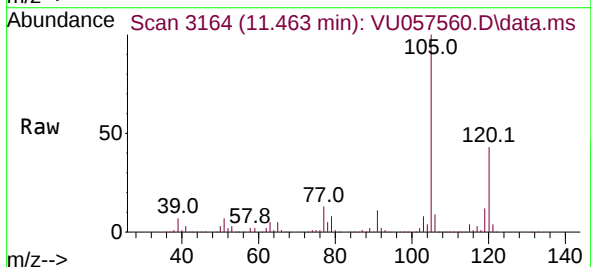
Acq: 18 Jan 2024 15:28

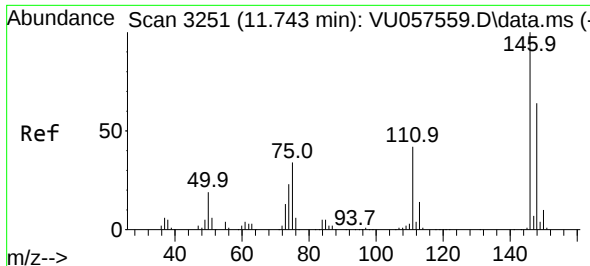
Tgt Ion:105 Resp: 1429609

Ion Ratio Lower Upper

105 100

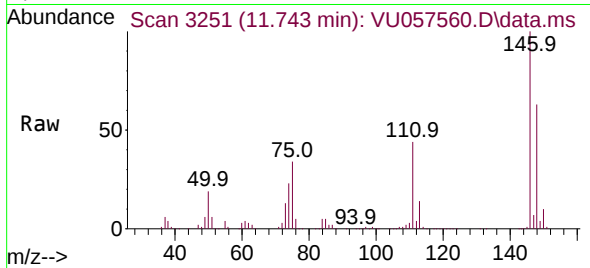
120 42.2 34.5 51.7



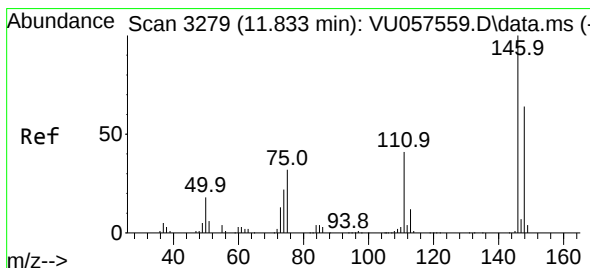
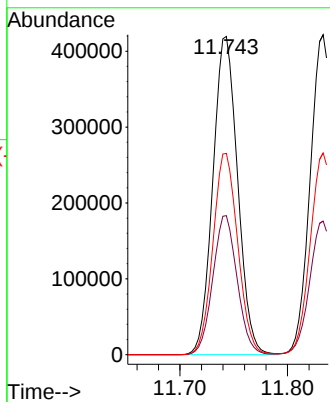
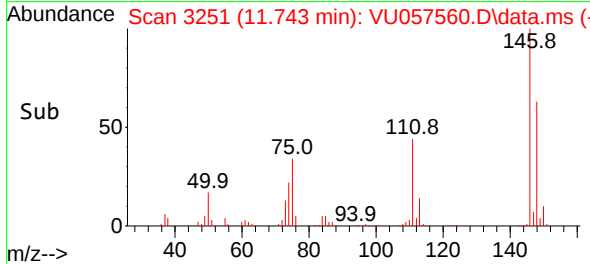


#64
1,3-Dichlorobenzene
Concen: 103.288 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

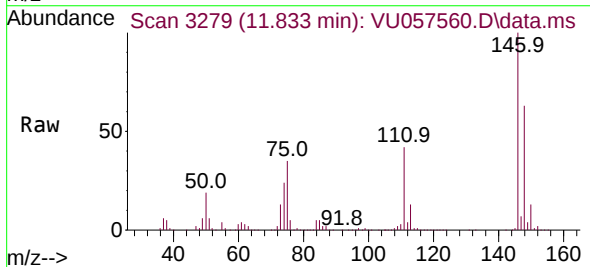
Instrument :
MSVOA_U
ClientSampleId :



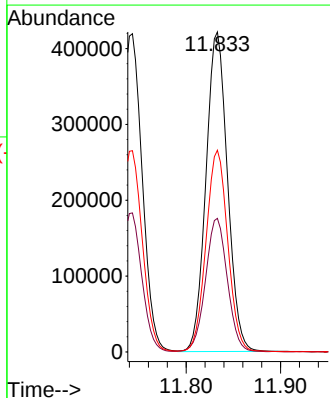
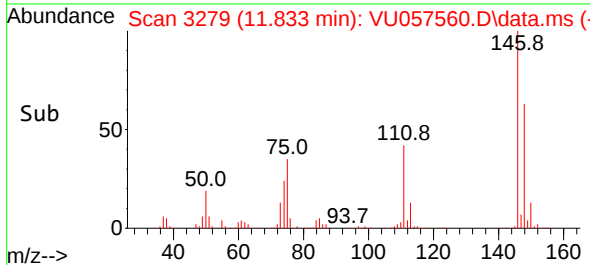
Tgt Ion:146 Resp: 671562
Ion Ratio Lower Upper
146 100
111 43.7 29.5 54.9
148 63.2 44.9 83.3

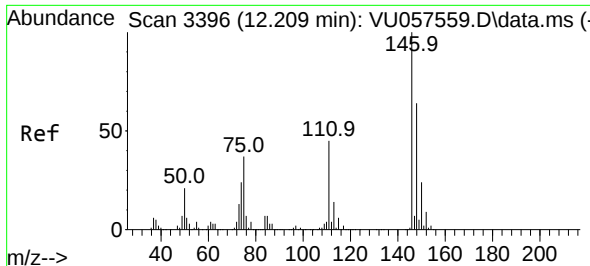


#65
1,4-Dichlorobenzene
Concen: 100.606 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28



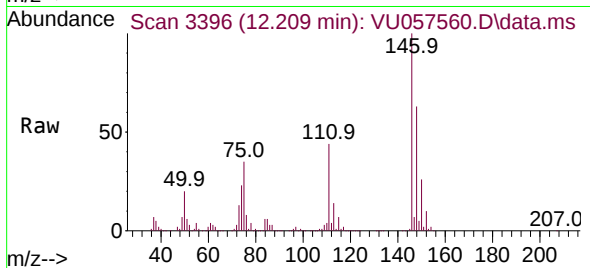
Tgt Ion:146 Resp: 667006
Ion Ratio Lower Upper
146 100
111 41.7 28.8 53.6
148 63.0 44.9 83.5



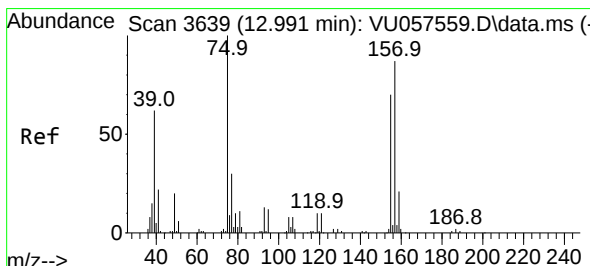
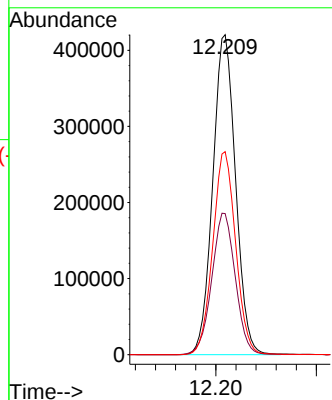
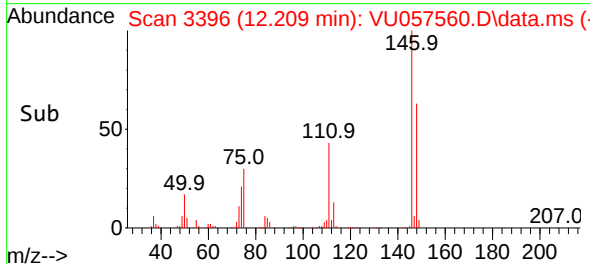


#67
1,2-Dichlorobenzene
Concen: 108.039 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

Instrument :
MSVOA_U
ClientSampleId :

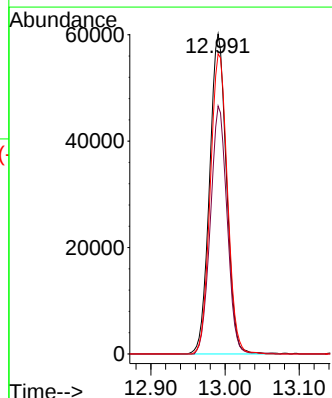
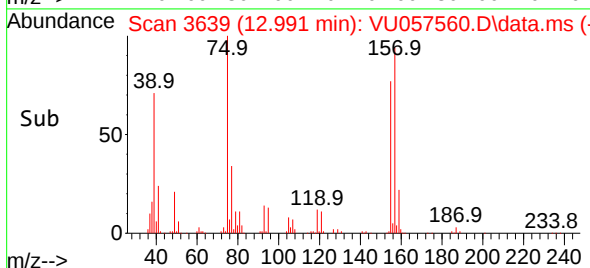
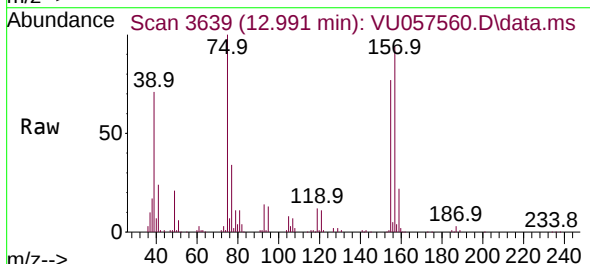


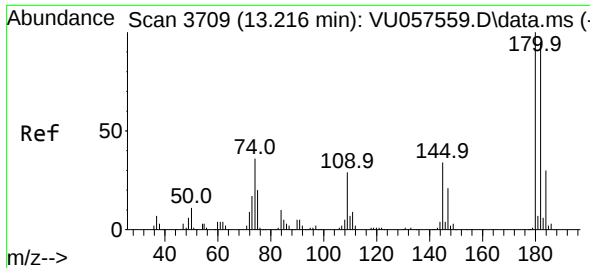
Tgt Ion:146 Resp: 662391
Ion Ratio Lower Upper
146 100
111 44.1 36.0 54.0
148 63.4 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 93.798 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU057560.D
Acq: 18 Jan 2024 15:28

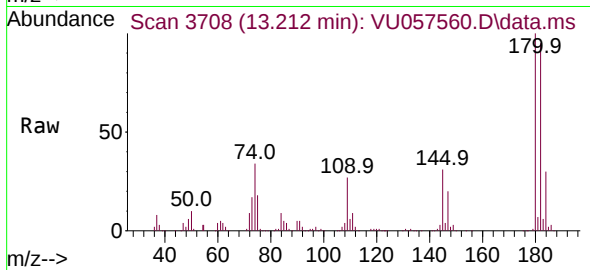
Tgt Ion: 75 Resp: 95278
Ion Ratio Lower Upper
75 100
155 77.5 55.8 83.8
157 98.3 69.6 104.4



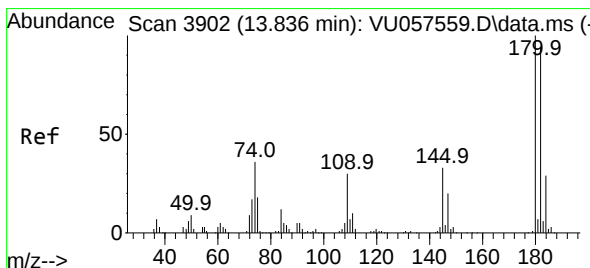
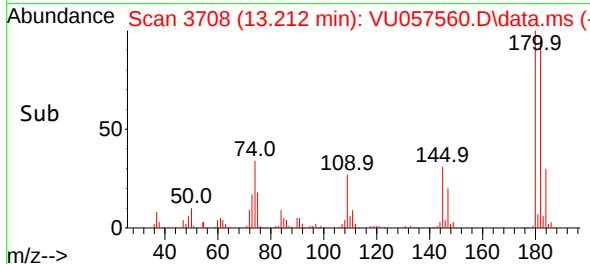
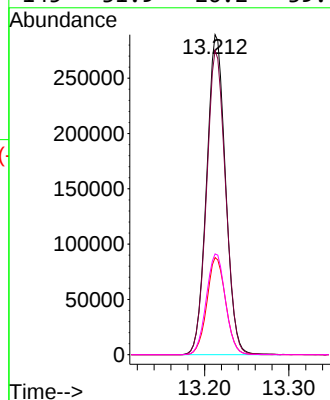


#69
 1,3,5-Trichlorobenzene
 Concen: 102.078 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057560.D
 Acq: 18 Jan 2024 15:28

Instrument :
 MSVOA_U
 ClientSampleId :

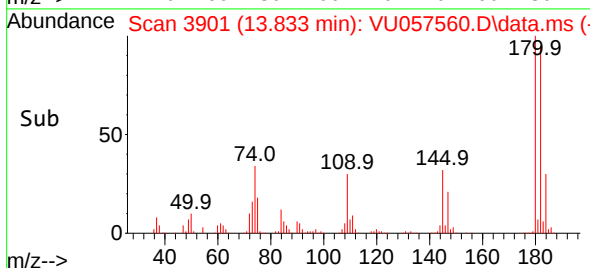
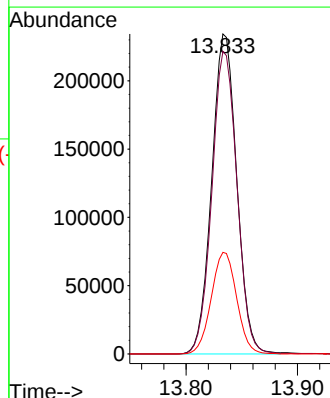
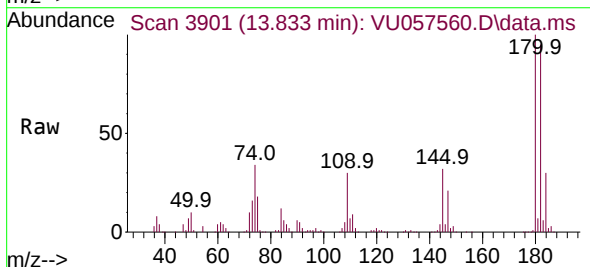


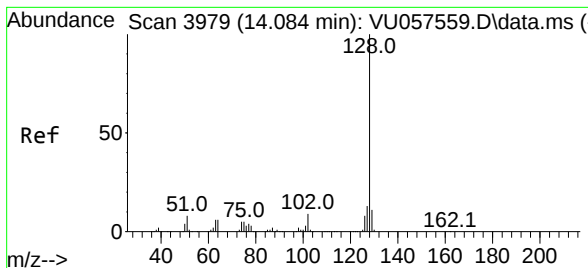
Tgt Ion:180 Resp: 450671
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.2 114.2
 184 30.2 24.4 36.6
 145 31.9 26.2 39.4



#70
 1,2,4-trichlorobenzene
 Concen: 107.078 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU057560.D
 Acq: 18 Jan 2024 15:28

Tgt Ion:180 Resp: 365916
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.8 113.8
 145 32.2 26.6 40.0





#71

Naphthalene

Concen: 123.931 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Instrument :

MSVOA_U

ClientSampleId :

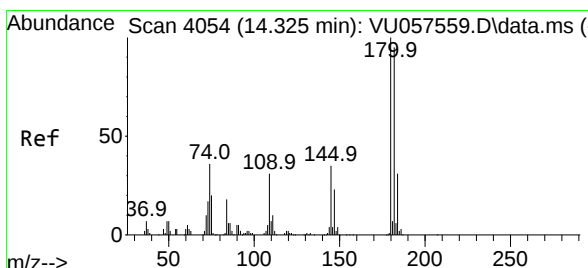
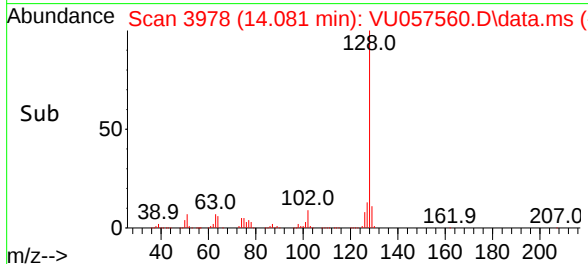
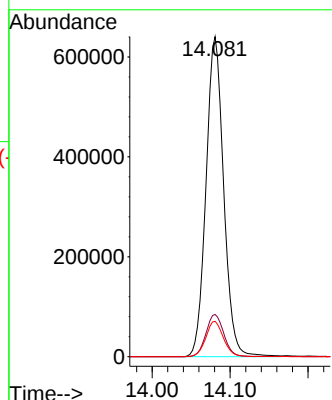
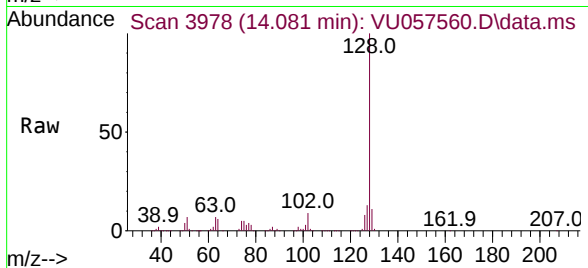
Tgt Ion:128 Resp: 1008625

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.0 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 114.538 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU057560.D

Acq: 18 Jan 2024 15:28

Tgt Ion:180 Resp: 354548

Ion Ratio Lower Upper

180 100

182 95.5 77.7 116.5

145 34.1 28.3 42.5

