

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056962.D
 Acq On : 17 Dec 2023 07:31
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:38:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 00:34:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	214266	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	211227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	89406	4.868	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.400%	
7) Chloroethane-d5	1.910	69	74504	5.421	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.560	65	39650	5.046	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.000%	
20) 2-Butanone-d5	4.624	46	224217	61.818	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.640%	
24) Chloroform-d	5.055	84	197195	5.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.400%	
26) 1,2-Dichloroethane-d4	5.695	65	90224	5.482	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.600%	
32) Benzene-d6	5.721	84	369780	5.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.800%	
36) 1,2-Dichloropropane-d6	6.685	67	112216	5.472	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.400%	
41) Toluene-d8	7.894	98	320843	5.479	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.600%	
43) trans-1,3-Dichloroprop...	8.174	79	40438	5.085	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.600%	
46) 2-Hexanone-d5	8.627	63	196535	65.526	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	131.060%#	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	86516	5.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	110990	5.093	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	116347	5.182	ug/L	100
3) Chloromethane	1.515	50	128240	5.809	ug/L	97
5) Vinyl chloride	1.602	62	126415	5.766	ug/L	99
6) Bromomethane	1.853	94	58299	4.510	ug/L	100
8) Chloroethane	1.930	64	70169	5.464	ug/L	94
9) Trichlorofluoromethane	2.132	101	174265	5.640	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	106042	5.596	ug/L	98
12) 1,1-Dichloroethene	2.576	96	100904	5.801	ug/L	87
13) Acetone	2.634	43	129743	58.697	ug/L	98
14) Carbon disulfide	2.788	76	313932	5.201	ug/L	99
15) Methyl Acetate	2.949	43	35342	5.874	ug/L	97
16) Methylene chloride	3.039	84	111298	5.873	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	223369	5.791	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	102538	5.814	ug/L	97
19) 1,1-Dichloroethane	3.862	63	198212	5.842	ug/L	98
21) 2-Butanone	4.705	43	213578	57.297	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	114214	5.952	ug/L	98
23) Bromochloromethane	4.968	128	47740	5.943	ug/L	96
25) Chloroform	5.081	83	208610	5.870	ug/L	100

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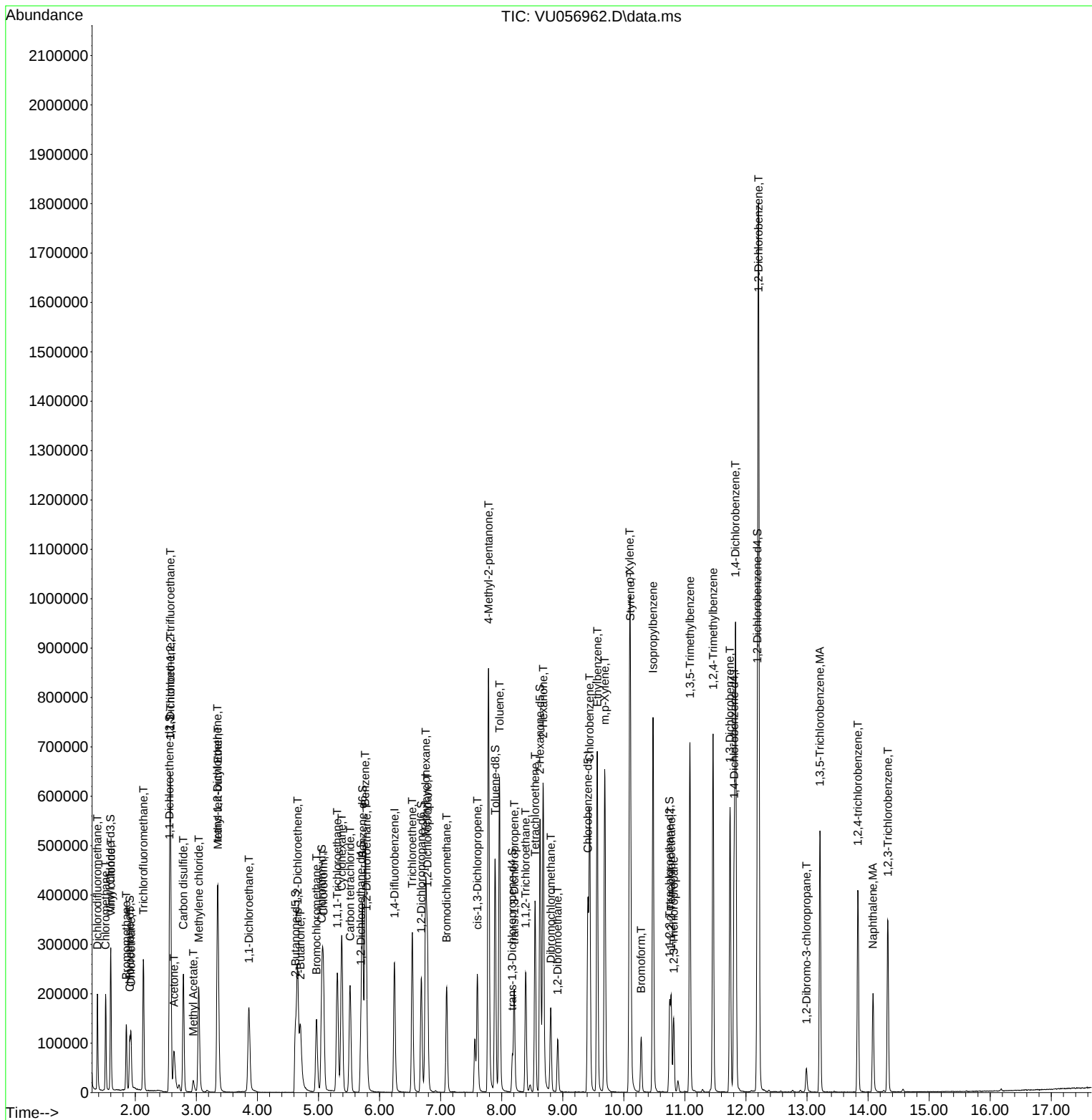
Instrument :
 MSVOA_U
 ClientSampleId :

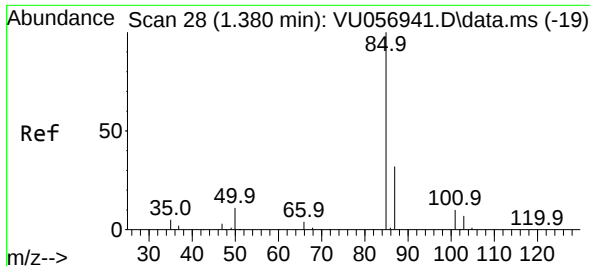
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 00:34:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116962	5.565	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	181465	5.943	ug/L	99
30) Cyclohexane	5.380	56	158569	5.533	ug/L	100
31) Carbon tetrachloride	5.518	117	154477	5.821	ug/L	99
33) Benzene	5.766	78	444715	5.991	ug/L	100
34) Trichloroethene	6.537	95	117799	5.785	ug/L	97
35) Methylcyclohexane	6.756	83	157981	5.257	ug/L	100
37) 1,2-Dichloropropane	6.785	63	116369	6.128	ug/L	99
38) Bromodichloromethane	7.100	83	142904	5.901	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	149002	5.384	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	547884	60.761	ug/L	99
42) Toluene	7.965	91	472585	6.153	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	124210	5.476	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	76672	5.972	ug/L	97
47) Tetrachloroethene	8.547	164	82378	5.780	ug/L	98
48) 2-Hexanone	8.679	43	396016	61.664	ug/L	99
49) Dibromochloromethane	8.804	129	87851	5.953	ug/L	98
50) 1,2-Dibromoethane	8.917	107	71210	5.977	ug/L	96
51) Chlorobenzene	9.441	112	306736	6.266	ug/L	97
52) Ethylbenzene	9.566	91	494827	5.840	ug/L	99
53) m,p-Xylene	9.688	106	188596	5.974	ug/L	100
54) o-Xylene	10.097	106	182022	6.052	ug/L	96
55) Styrene	10.110	104	315610	6.391	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	93075	6.001	ug/L	99
59) Bromoform	10.283	173	49706	5.491	ug/L	98
60) Isopropylbenzene	10.479	105	488649	5.579	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	63752	5.356	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	387688	5.416	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	396284	5.574	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	232802	5.619	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	366497	8.983	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	682882	18.092	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	14129	5.945	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	158275	5.055	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	120491	4.860	ug/L	98
71) Naphthalene	14.080	128	166457	4.588	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	104175	4.949	ug/L	98

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

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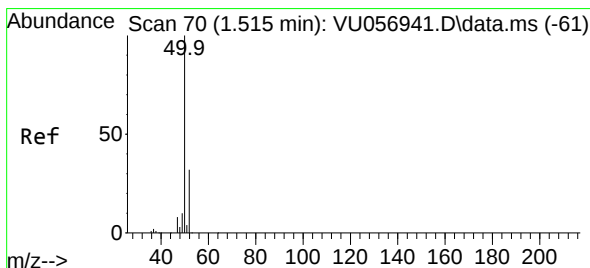
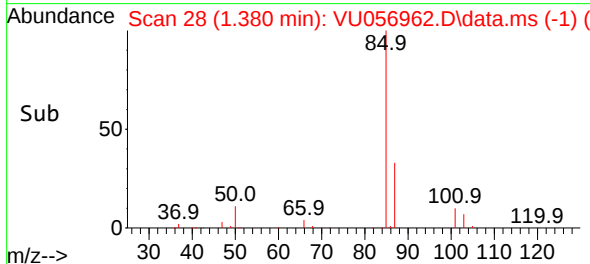
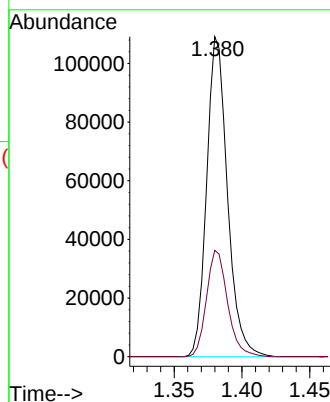
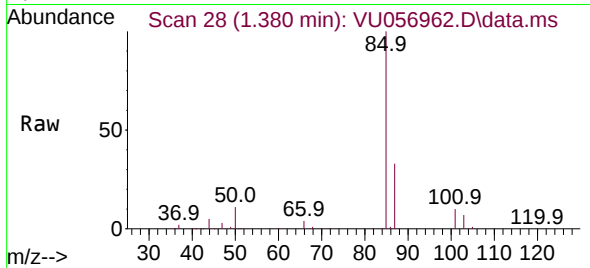




#2
Dichlorodifluoromethane
Concen: 5.182 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

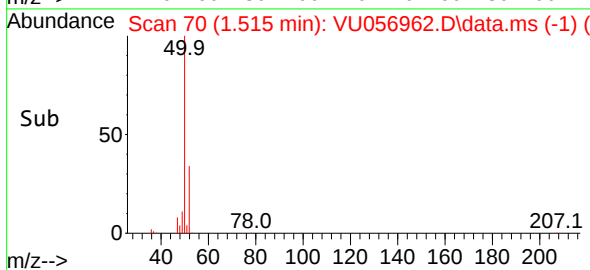
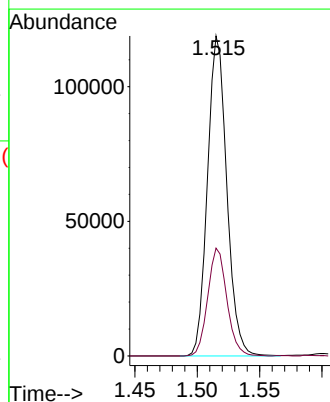
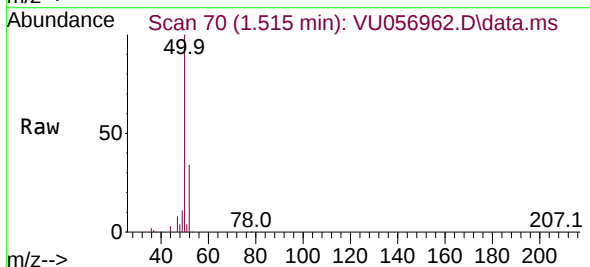
Instrument :
MSVOA_U
ClientSampleId :

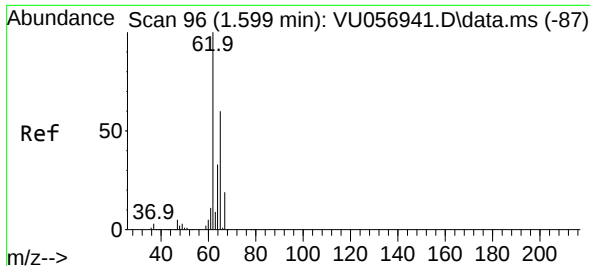
Tgt Ion: 85 Resp: 116347
Ion Ratio Lower Upper
85 100
87 33.7 26.8 40.2



#3
Chloromethane
Concen: 5.809 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Tgt Ion: 50 Resp: 128240
Ion Ratio Lower Upper
50 100
52 33.7 22.5 41.7

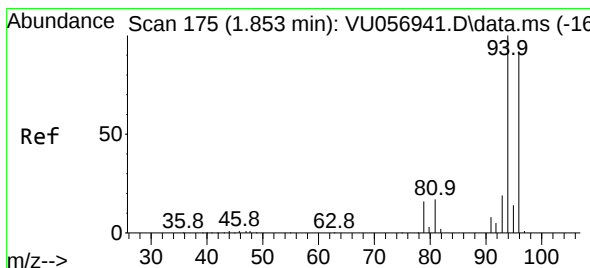
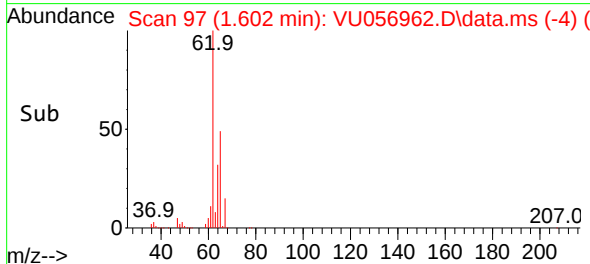
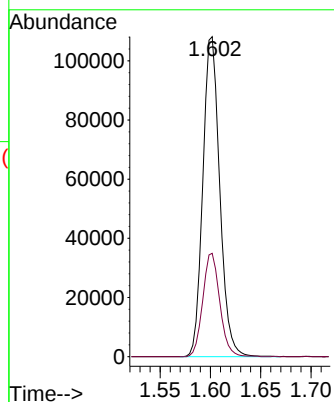
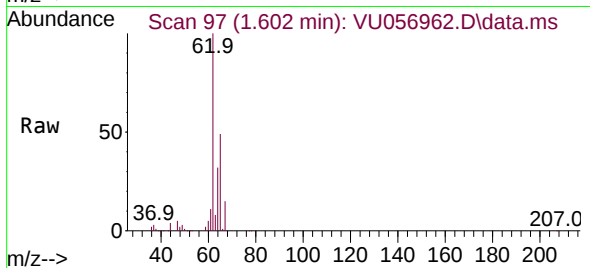




#5
 Vinyl chloride
 Concen: 5.766 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056962.D
 Acq: 17 Dec 2023 07:31

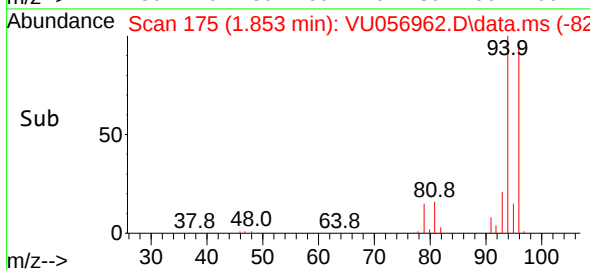
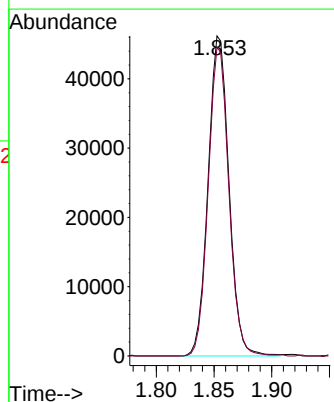
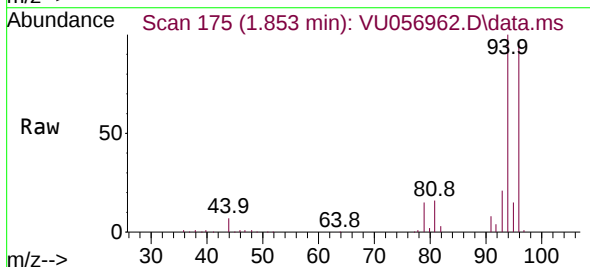
Instrument :
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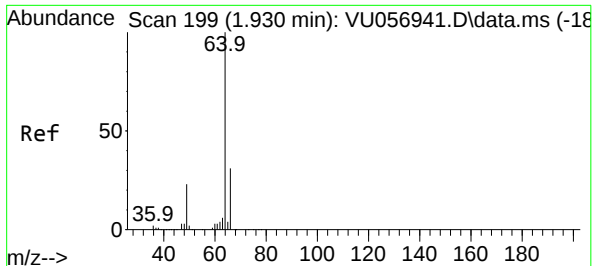
Tgt Ion: 62 Resp: 126415
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.8 42.4



#6
 Bromomethane
 Concen: 4.510 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU056962.D
 Acq: 17 Dec 2023 07:31

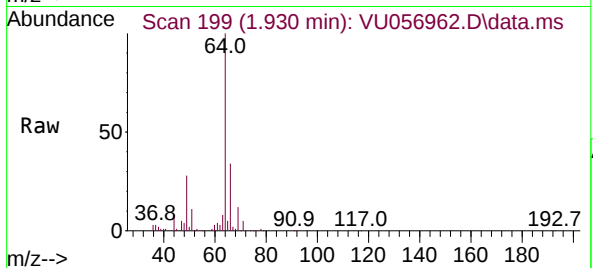
Tgt Ion: 94 Resp: 58299
 Ion Ratio Lower Upper
 94 100
 96 96.5 67.8 125.8



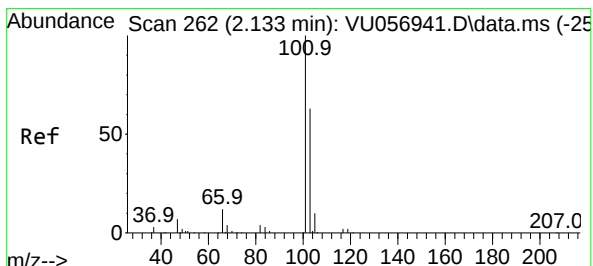
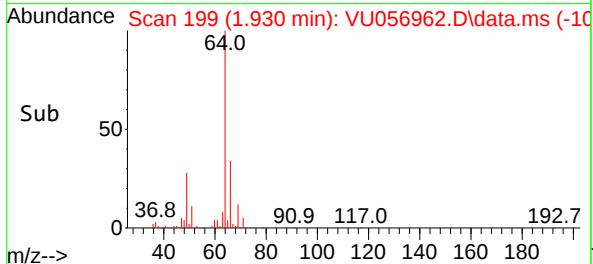
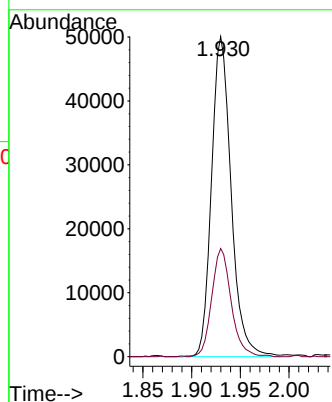


#8
Chloroethane
Concen: 5.464 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Instrument :
MSVOA_U
ClientSampleId :

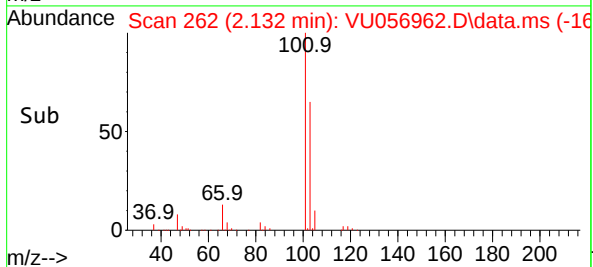
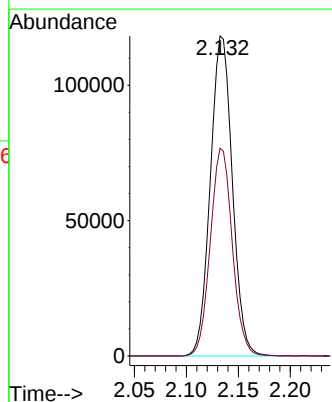
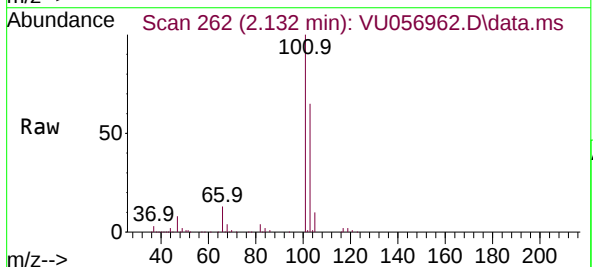


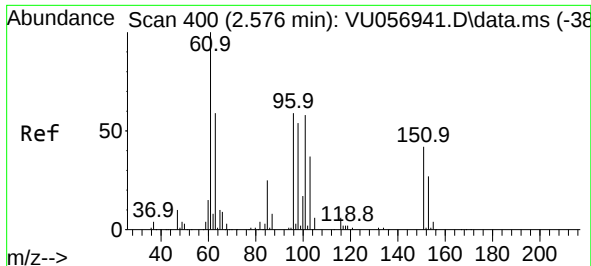
Tgt Ion: 64 Resp: 70169
Ion Ratio Lower Upper
64 100
66 33.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.640 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Tgt Ion: 101 Resp: 174265
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

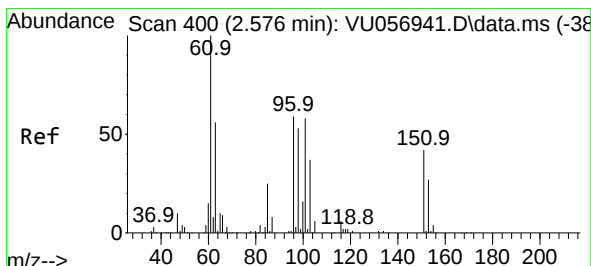
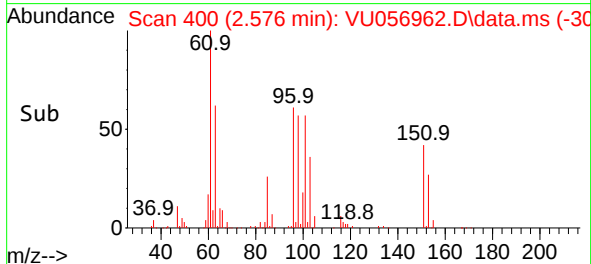
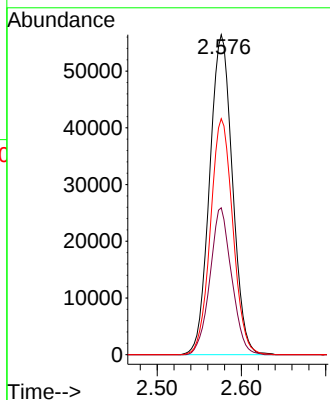
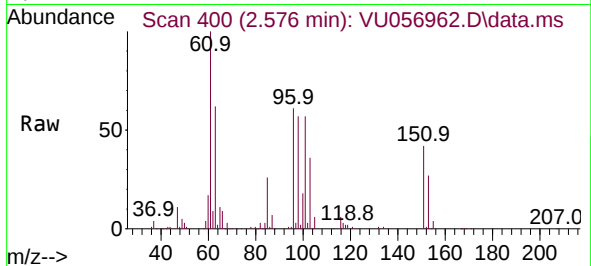




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.596 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056962.D
 Acq: 17 Dec 2023 07:31

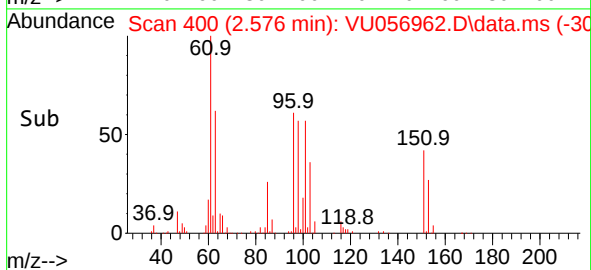
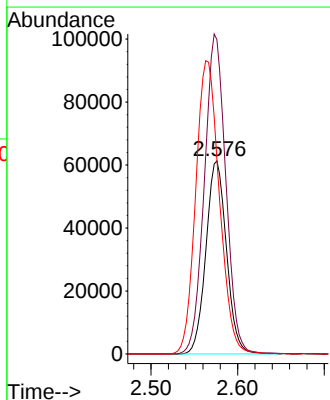
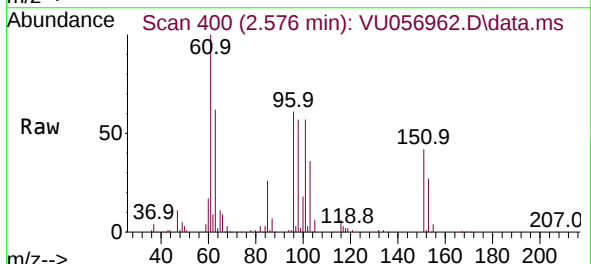
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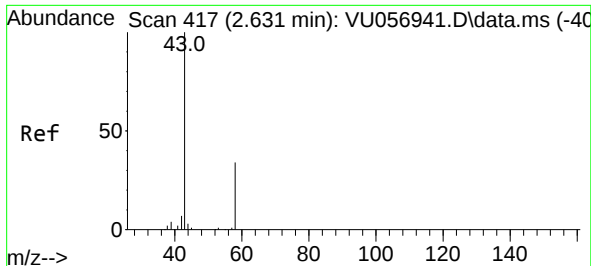
Tgt Ion:101 Resp: 106042
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.2 52.8
 151 72.5 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.801 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056962.D
 Acq: 17 Dec 2023 07:31

Tgt Ion: 96 Resp: 100904
 Ion Ratio Lower Upper
 96 100
 61 162.8 119.0 221.0
 63 100.7 88.7 164.7





#13

Acetone

Concen: 58.697 ug/L

RT: 2.634 min Scan# 417

Delta R.T. -0.003 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

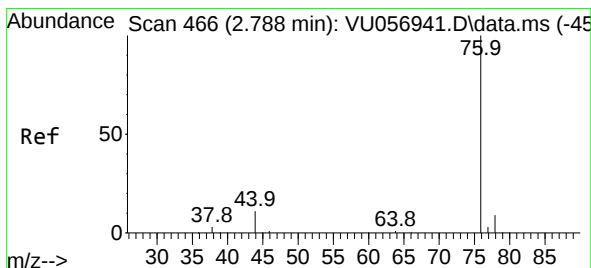
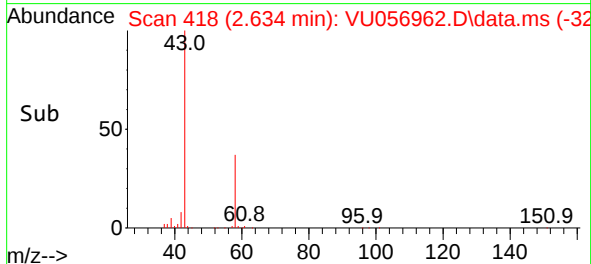
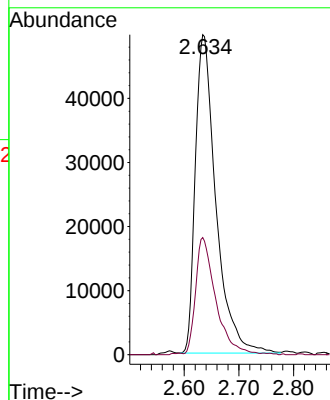
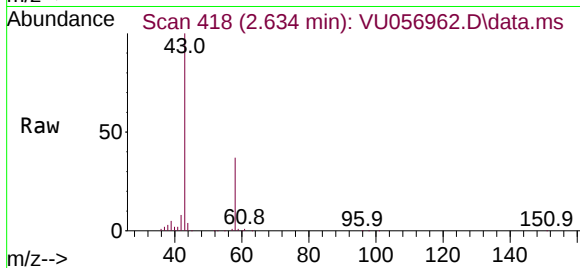
ClientSampleId :

Tgt Ion: 43 Resp: 129743

Ion Ratio Lower Upper

43 100

58 34.8 0.0 72.6



#14

Carbon disulfide

Concen: 5.201 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056962.D

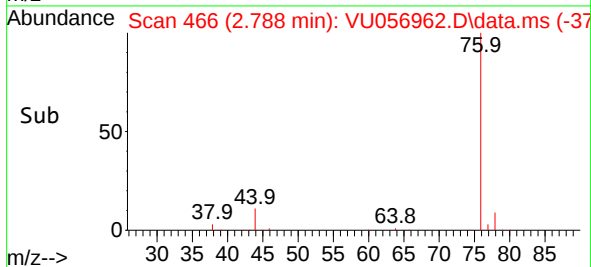
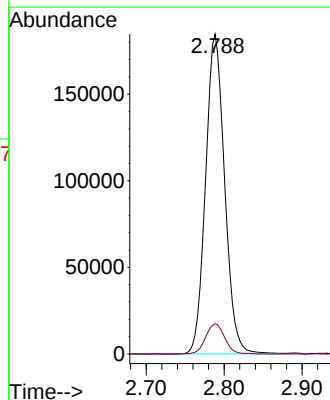
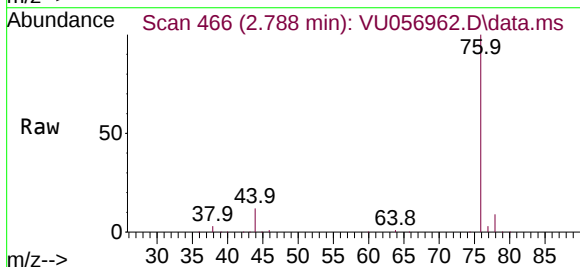
Acq: 17 Dec 2023 07:31

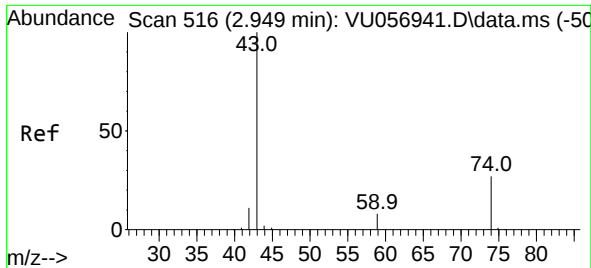
Tgt Ion: 76 Resp: 313932

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

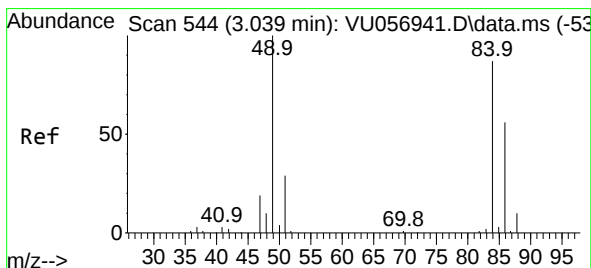
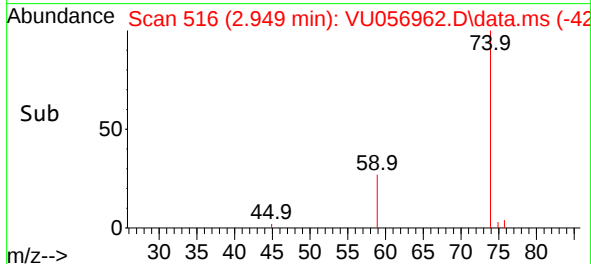
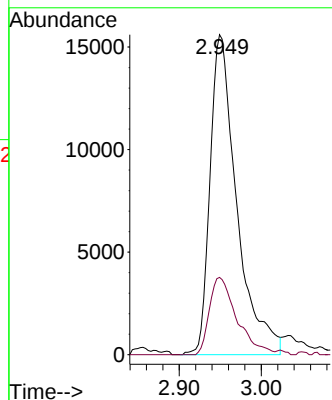
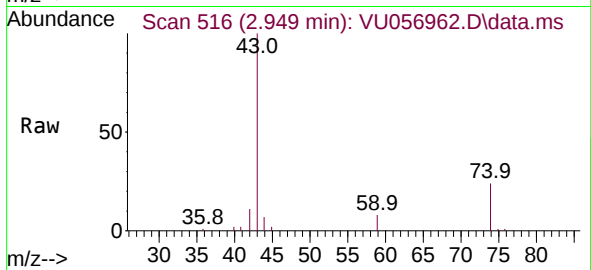




#15
Methyl Acetate
Concen: 5.874 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

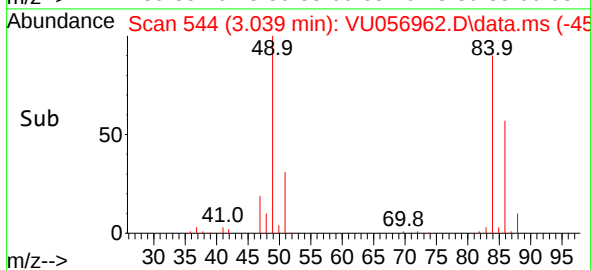
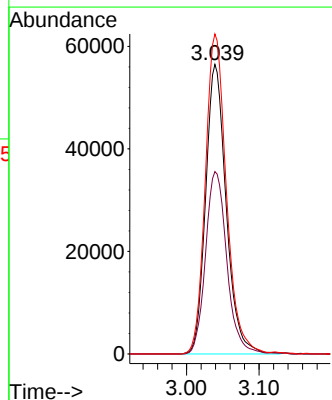
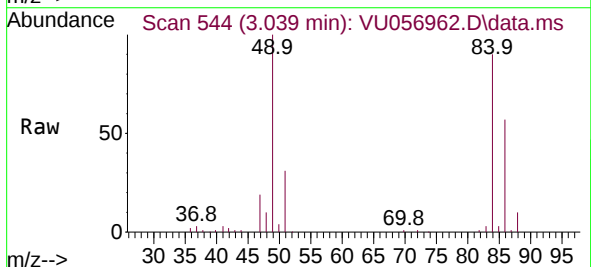
Instrument :
MSVOA_U
ClientSampleId :

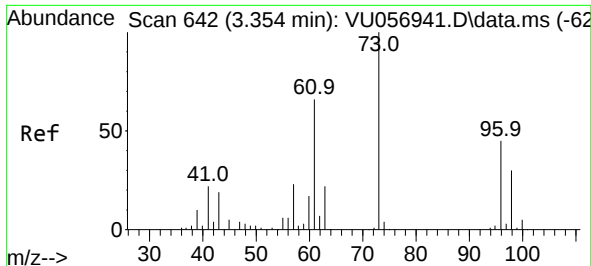
Tgt Ion: 43 Resp: 35342
Ion Ratio Lower Upper
43 100
74 24.8 21.0 31.6



#16
Methylene chloride
Concen: 5.873 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Tgt Ion: 84 Resp: 111298
Ion Ratio Lower Upper
84 100
86 63.0 43.6 81.0
49 110.5 80.6 149.6

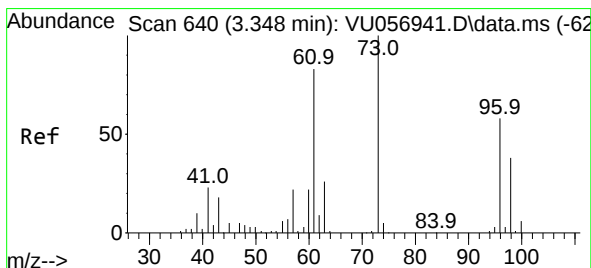
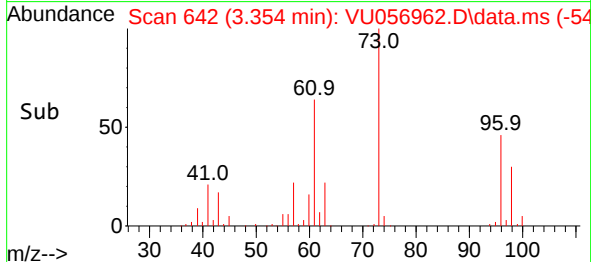
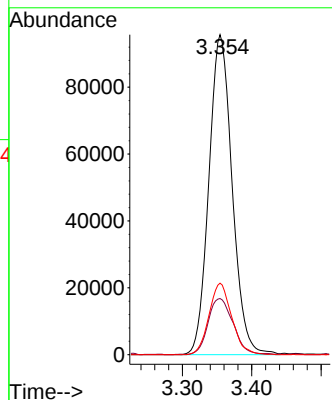
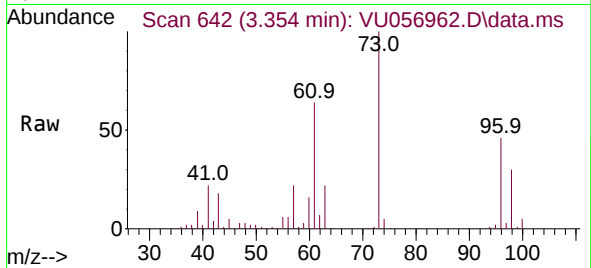




#17
Methyl tert-butyl Ether
Concen: 5.791 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

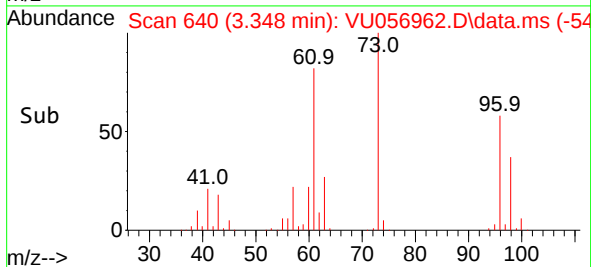
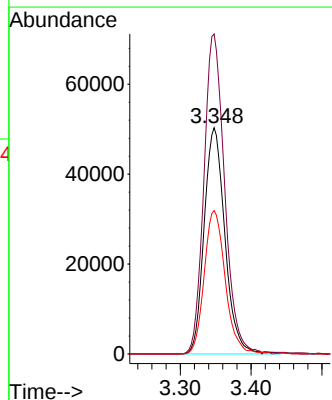
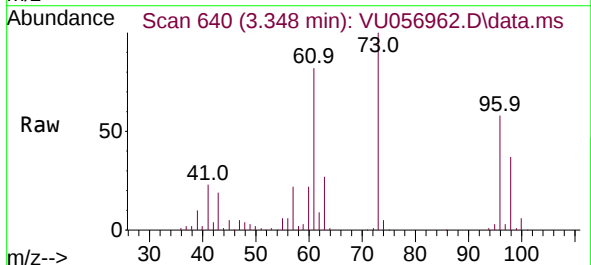
Instrument :
MSVOA_U
ClientSampleId :

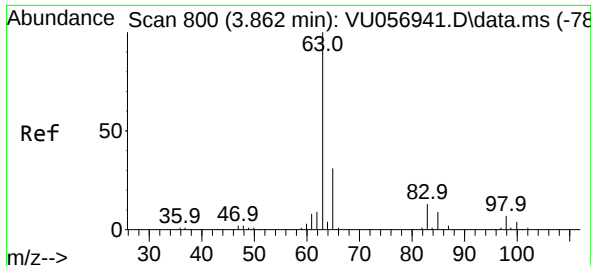
Tgt Ion: 73 Resp: 223369
Ion Ratio Lower Upper
73 100
43 18.5 14.4 21.6
57 21.7 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.814 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Tgt Ion: 96 Resp: 102538
Ion Ratio Lower Upper
96 100
61 141.5 101.8 189.0
98 63.4 43.0 79.8





#19

1,1-Dichloroethane

Concen: 5.842 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

ClientSampleId :

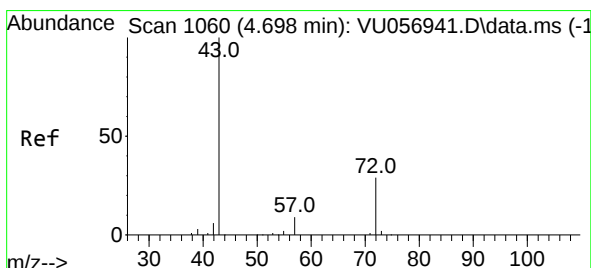
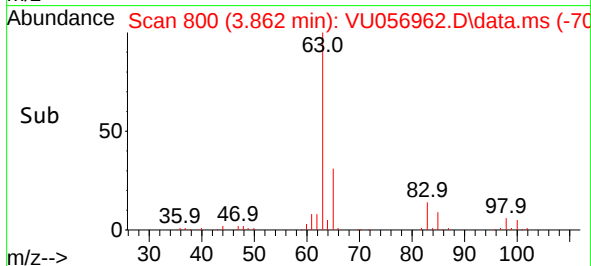
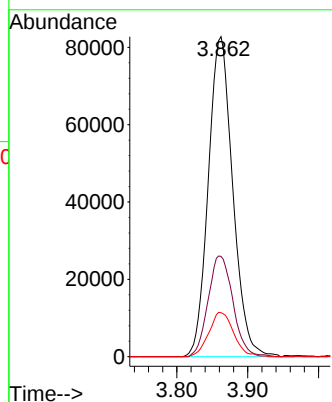
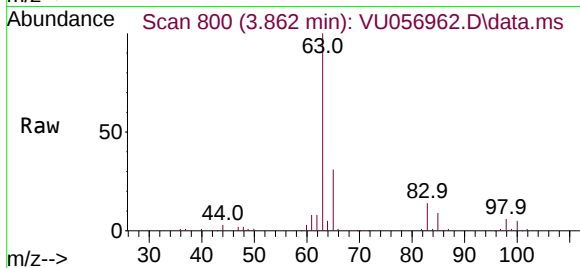
Tgt Ion: 63 Resp: 198212

Ion Ratio Lower Upper

63 100

65 31.3 22.9 42.5

83 13.8 10.1 18.9



#21

2-Butanone

Concen: 57.297 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VU056962.D

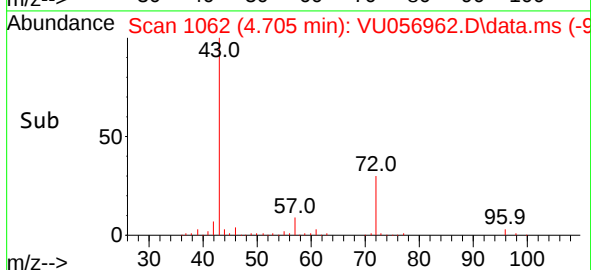
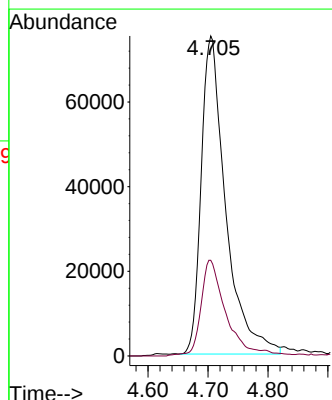
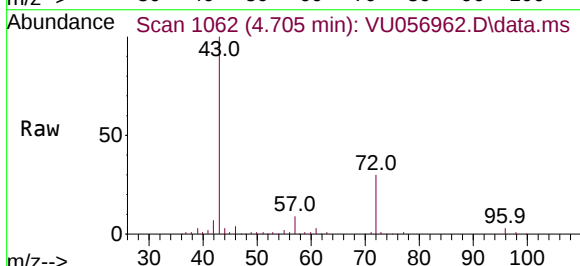
Acq: 17 Dec 2023 07:31

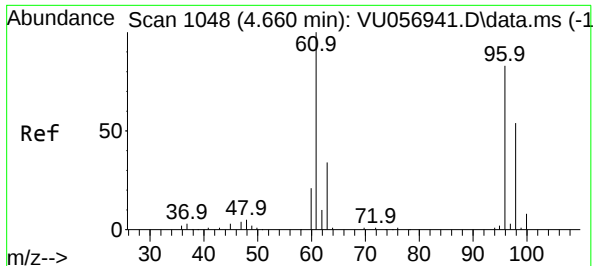
Tgt Ion: 43 Resp: 213578

Ion Ratio Lower Upper

43 100

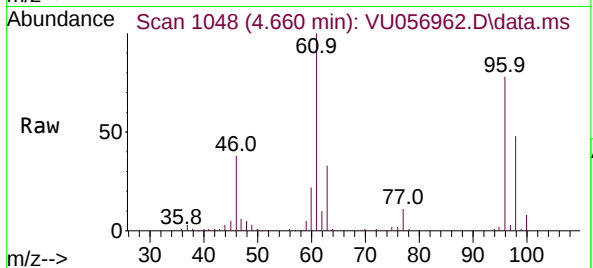
72 29.8 14.6 43.8



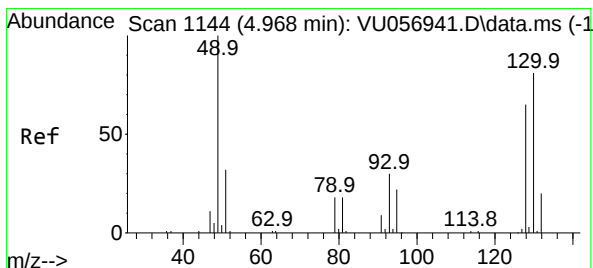
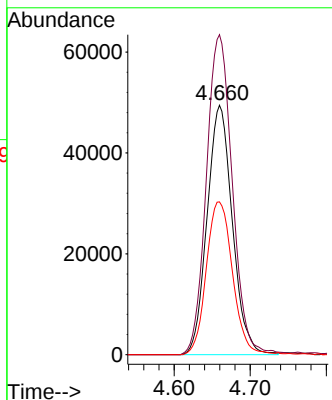
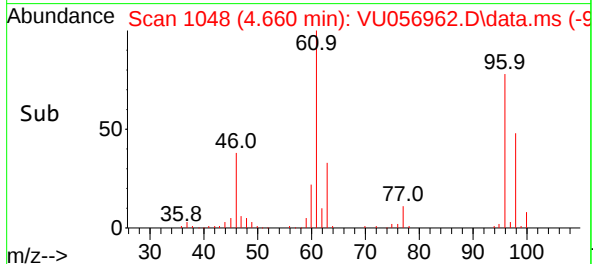


#22
 cis-1,2-Dichloroethene
 Concen: 5.952 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056962.D
 Acq: 17 Dec 2023 07:31

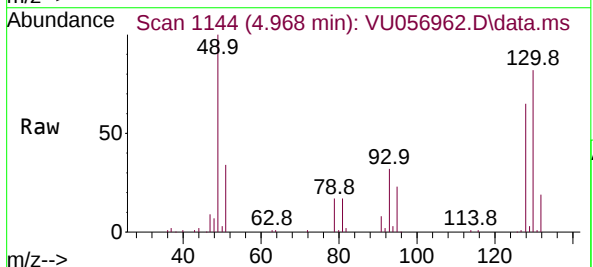
Instrument :
 MSVOA_U
 ClientSampleId :



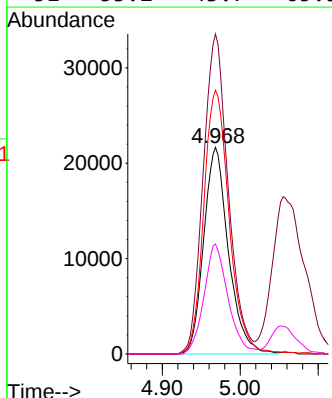
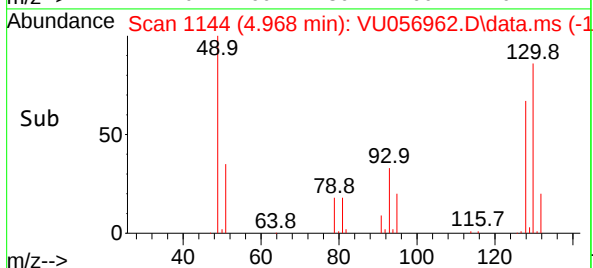
Tgt Ion: 96 Resp: 114214
 Ion Ratio Lower Upper
 96 100
 61 128.2 91.3 169.6
 98 61.2 44.2 82.0

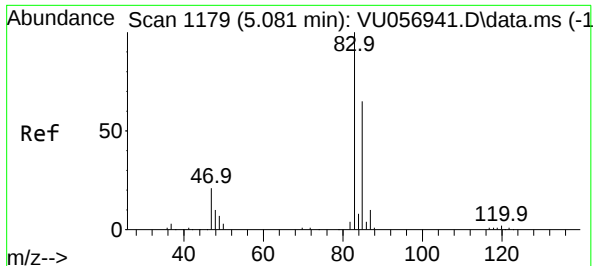


#23
 Bromochloromethane
 Concen: 5.943 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056962.D
 Acq: 17 Dec 2023 07:31



Tgt Ion: 128 Resp: 47740
 Ion Ratio Lower Upper
 128 100
 49 154.9 113.8 211.3
 130 127.7 90.6 168.3
 51 53.2 43.7 65.5





#25

Chloroform

Concen: 5.870 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

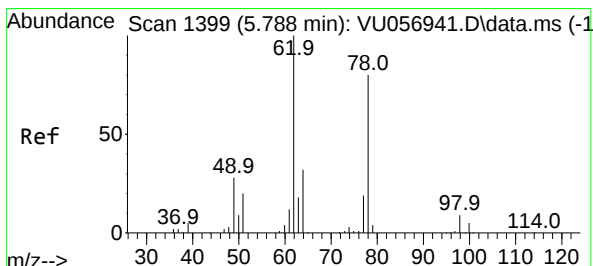
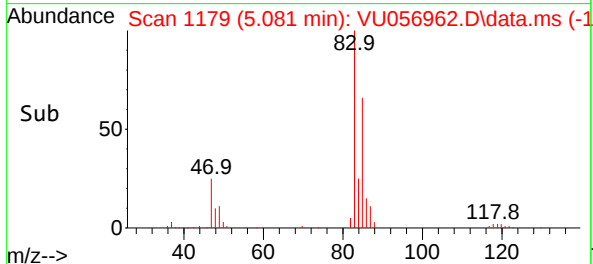
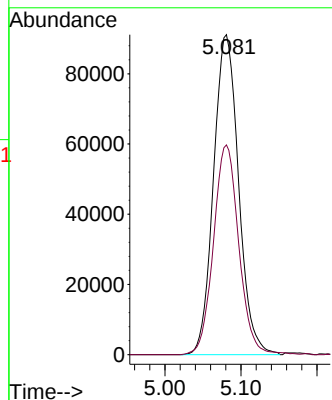
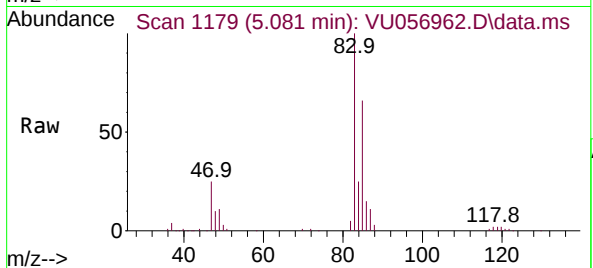
ClientSampleId :

Tgt Ion: 83 Resp: 208610

Ion Ratio Lower Upper

83 100

85 65.6 45.8 85.0



#27

1,2-Dichloroethane

Concen: 5.565 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056962.D

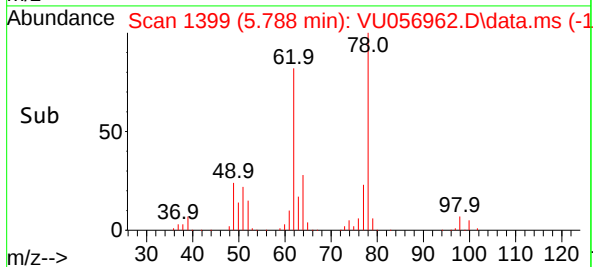
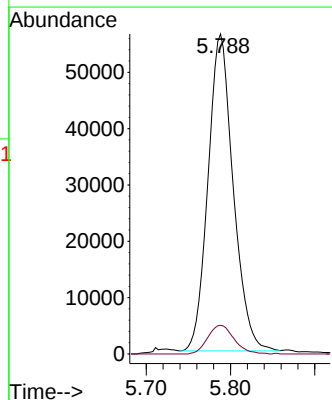
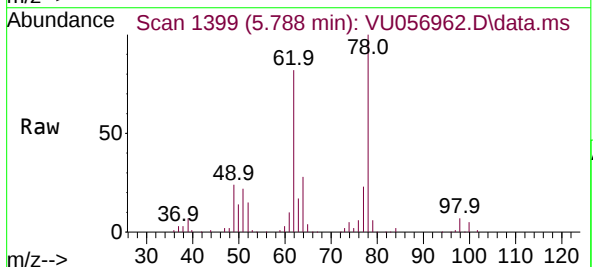
Acq: 17 Dec 2023 07:31

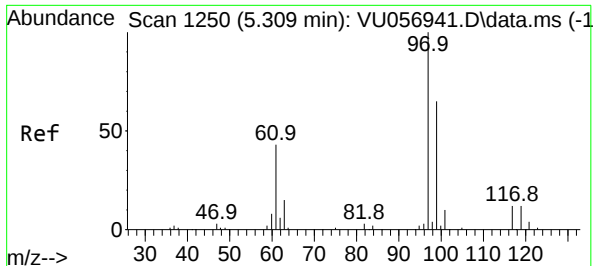
Tgt Ion: 62 Resp: 116962

Ion Ratio Lower Upper

62 100

98 9.0 7.8 11.6

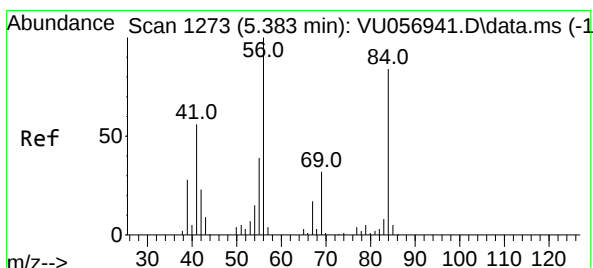
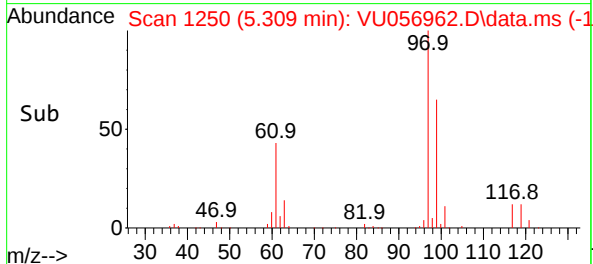
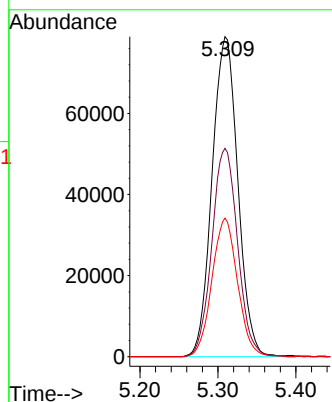
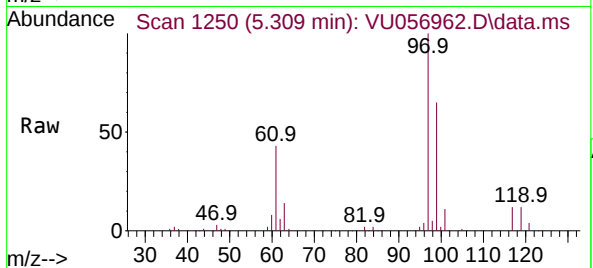




#29
1,1,1-Trichloroethane
Concen: 5.943 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

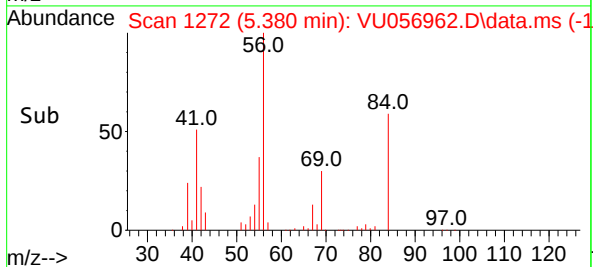
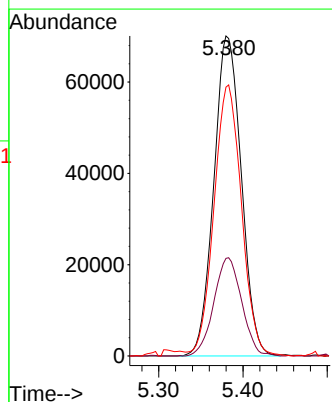
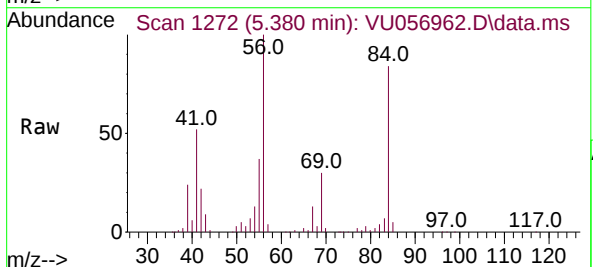
Instrument :
MSVOA_U
ClientSampleId :

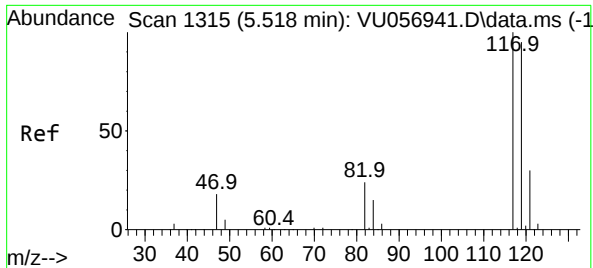
Tgt Ion: 97 Resp: 181465
Ion Ratio Lower Upper
97 100
99 65.1 52.5 78.7
61 43.1 34.2 51.2



#30
Cyclohexane
Concen: 5.533 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Tgt Ion: 56 Resp: 158569
Ion Ratio Lower Upper
56 100
69 31.1 24.9 37.3
84 85.0 67.6 101.4

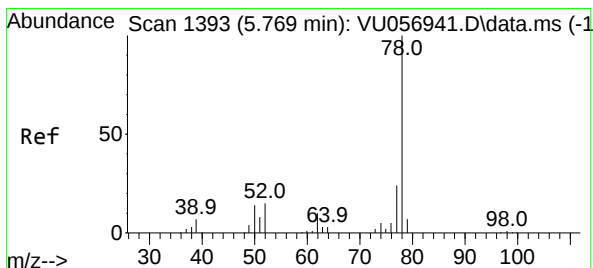
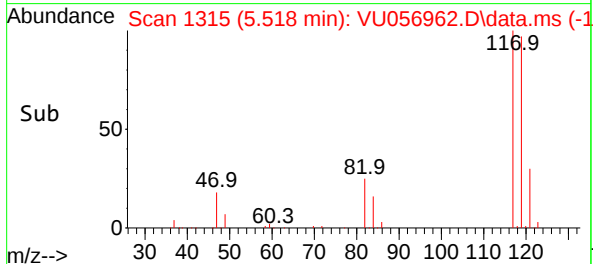
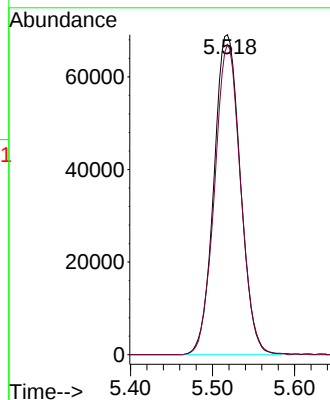
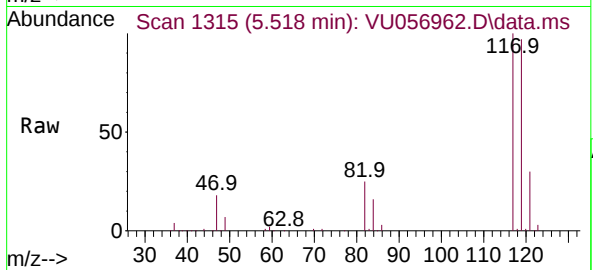




#31
Carbon tetrachloride
Concen: 5.821 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

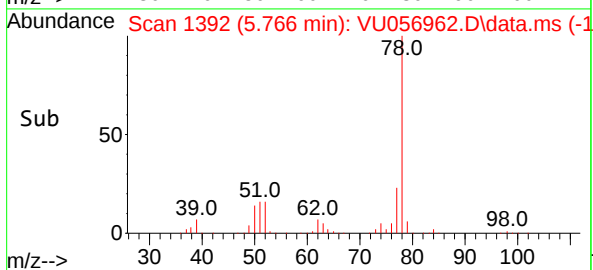
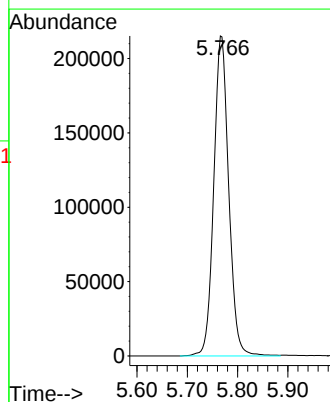
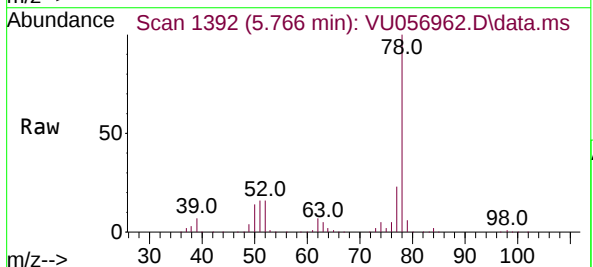
Instrument :
MSVOA_U
ClientSampleId :

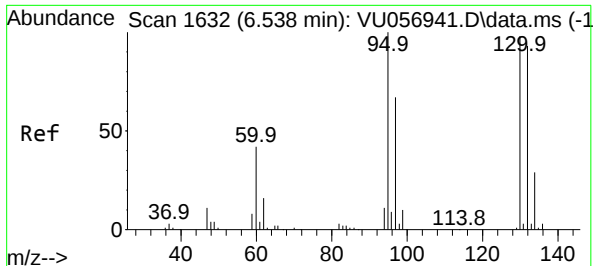
Tgt Ion:117 Resp: 154477
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.4



#33
Benzene
Concen: 5.991 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

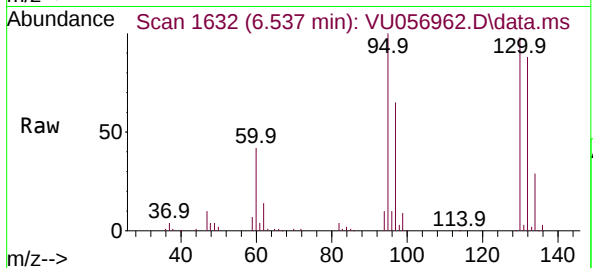
Tgt Ion: 78 Resp: 444715



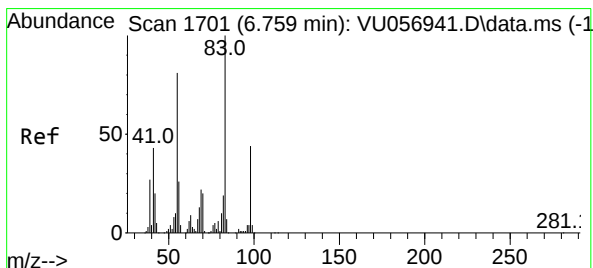
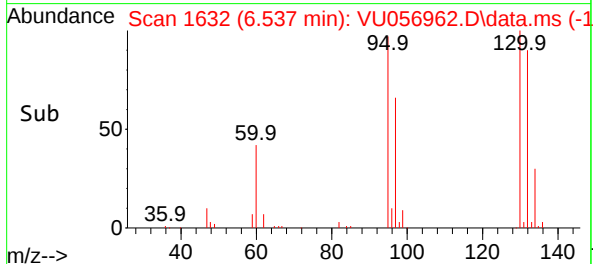
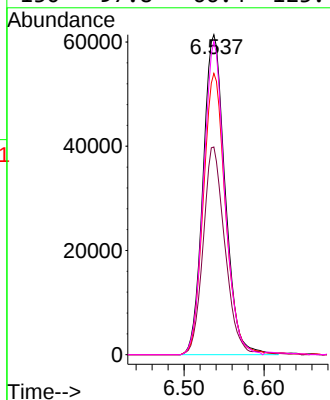


#34
Trichloroethene
Concen: 5.785 ug/L
RT: 6.537 min Scan# 117799
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Instrument :
MSVOA_U
ClientSampleId :

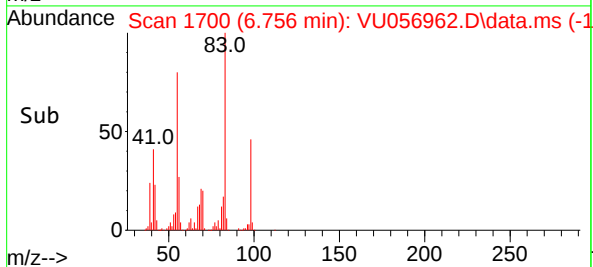
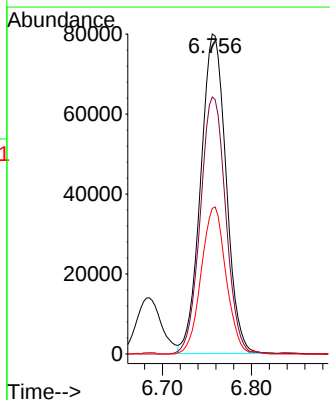
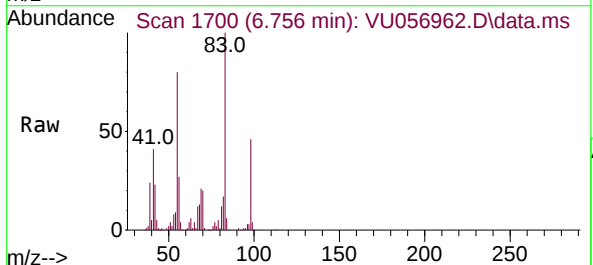


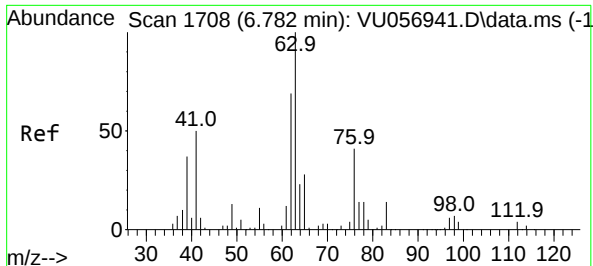
Tgt Ion: 95 Resp: 117799
Ion Ratio Lower Upper
95 100
97 64.9 46.1 85.5
132 87.9 63.6 118.0
130 97.8 66.4 123.4



#35
Methylcyclohexane
Concen: 5.257 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Tgt Ion: 83 Resp: 157981
Ion Ratio Lower Upper
83 100
55 80.7 64.6 97.0
98 44.8 36.1 54.1





#37

1,2-Dichloropropane

Concen: 6.128 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

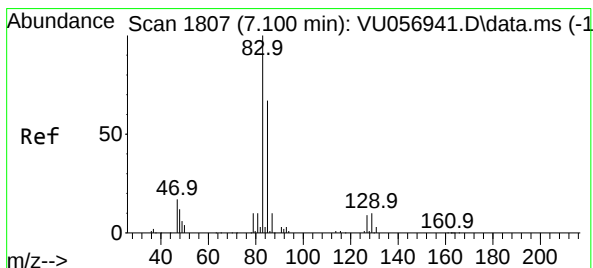
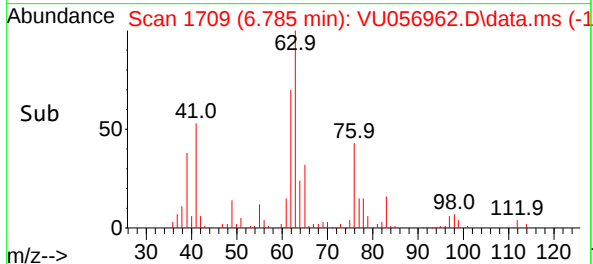
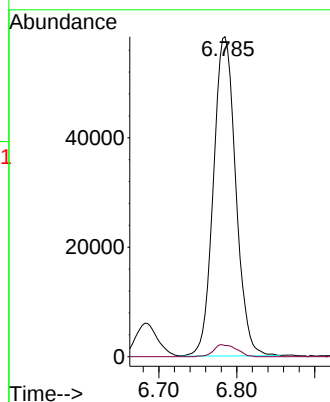
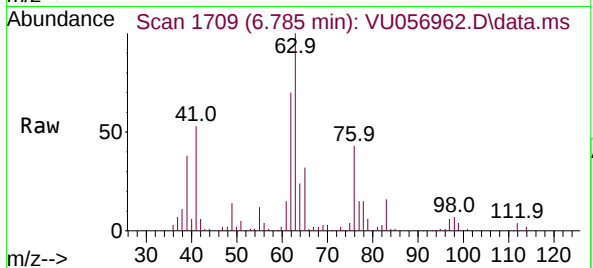
ClientSampleId :

Tgt Ion: 63 Resp: 116369

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 5.901 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

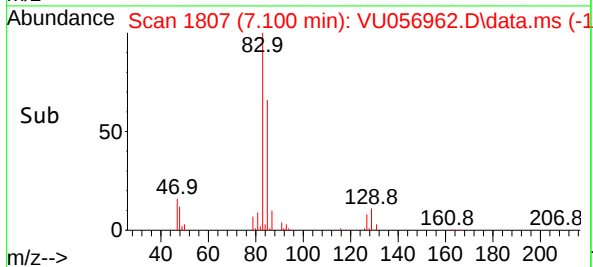
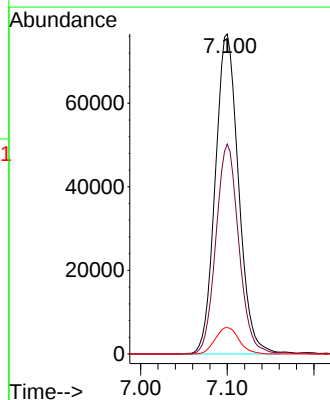
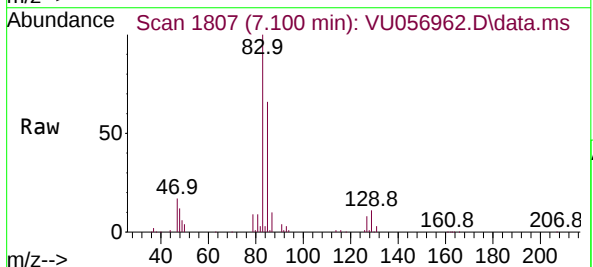
Tgt Ion: 83 Resp: 142904

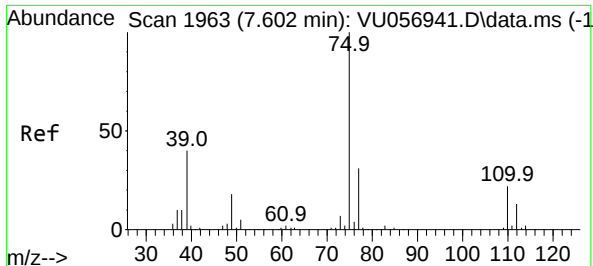
Ion Ratio Lower Upper

83 100

85 65.6 45.0 83.6

127 8.2 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 5.384 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

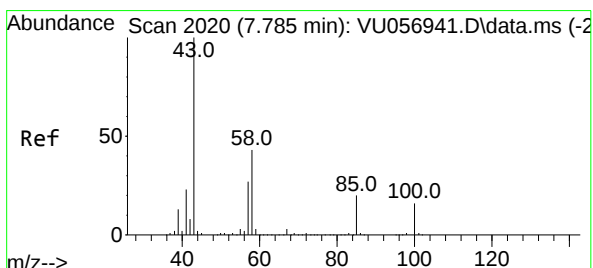
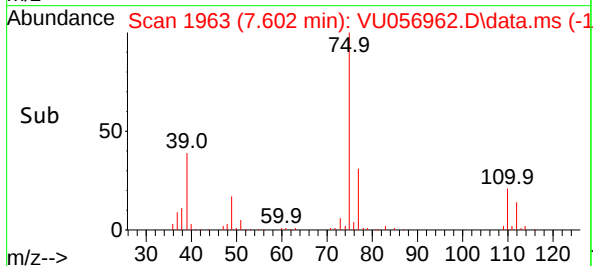
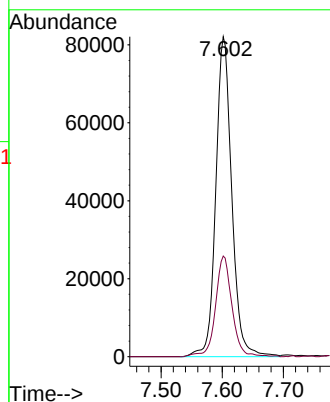
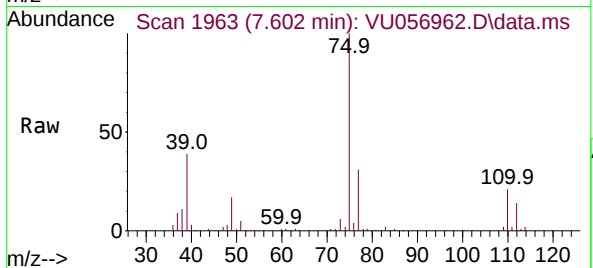
ClientSampleId :

Tgt Ion: 75 Resp: 149002

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 60.761 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

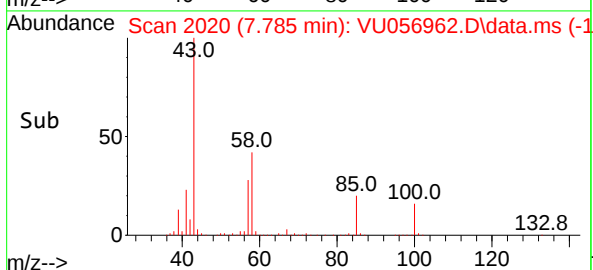
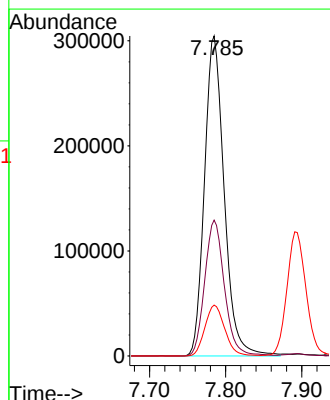
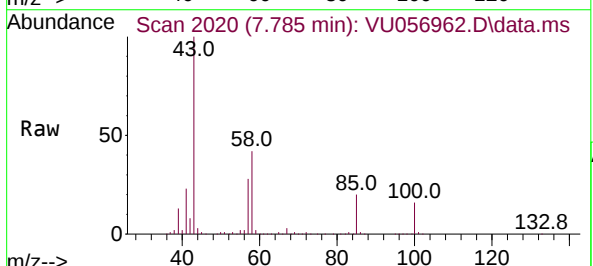
Tgt Ion: 43 Resp: 547884

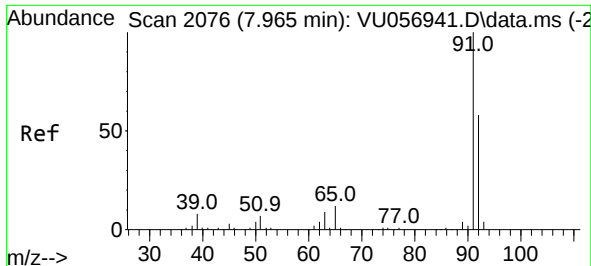
Ion Ratio Lower Upper

43 100

58 42.5 33.7 50.5

100 16.0 13.0 19.4





#42

Toluene

Concen: 6.153 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

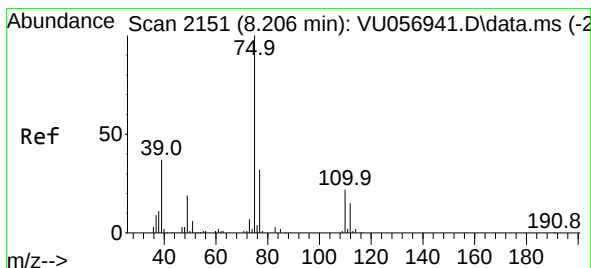
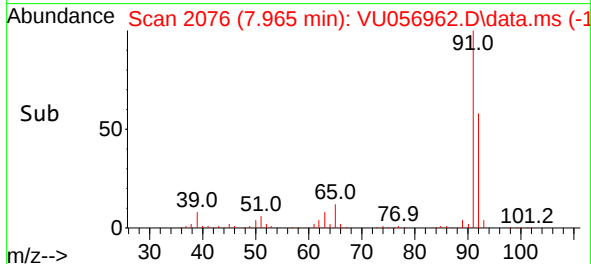
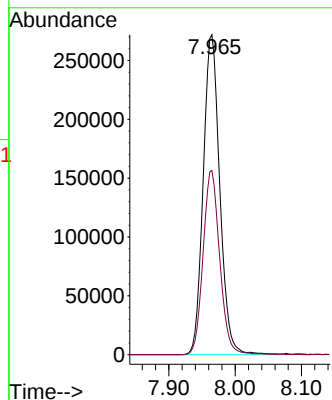
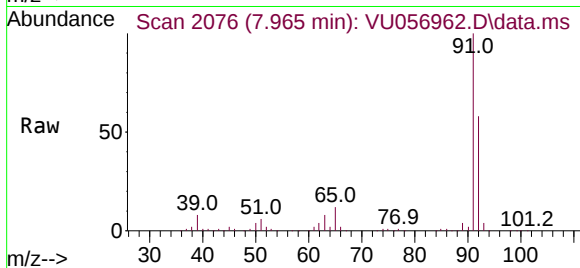
ClientSampleId :

Tgt Ion: 91 Resp: 472585

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.476 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056962.D

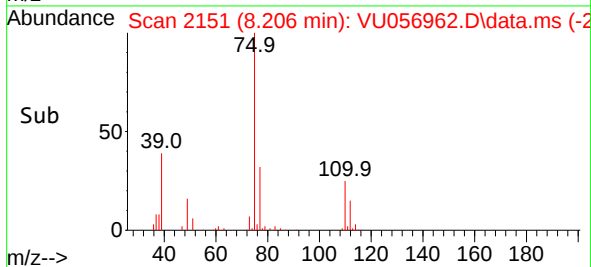
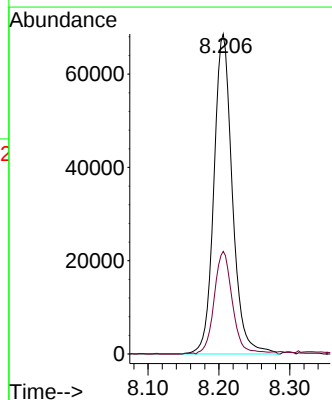
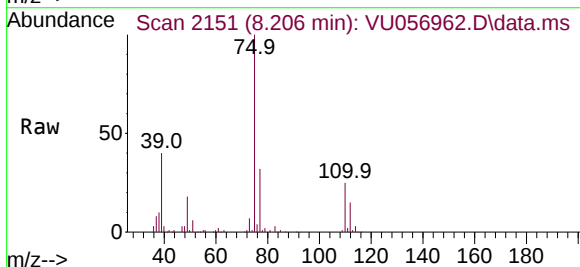
Acq: 17 Dec 2023 07:31

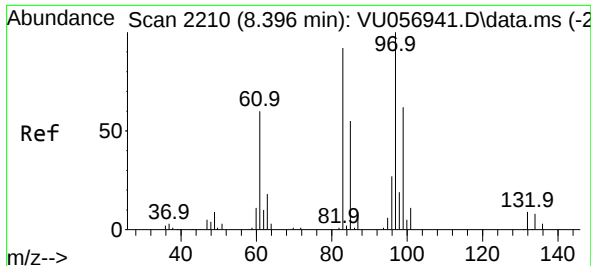
Tgt Ion: 75 Resp: 124210

Ion Ratio Lower Upper

75 100

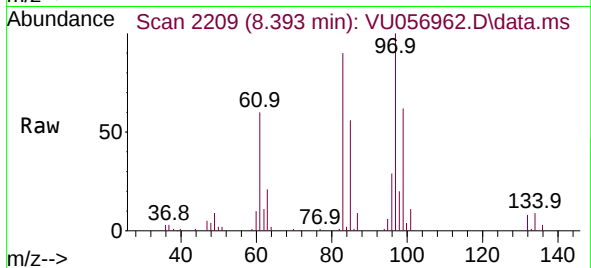
77 32.1 21.8 40.4



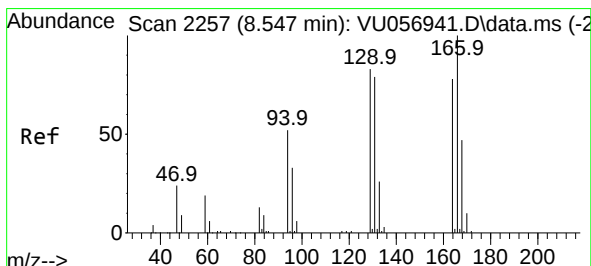
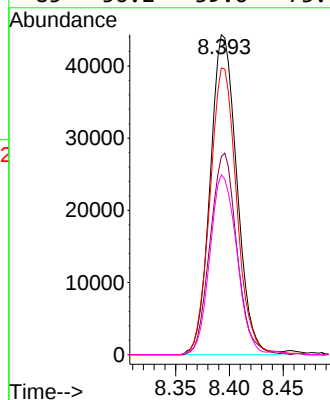
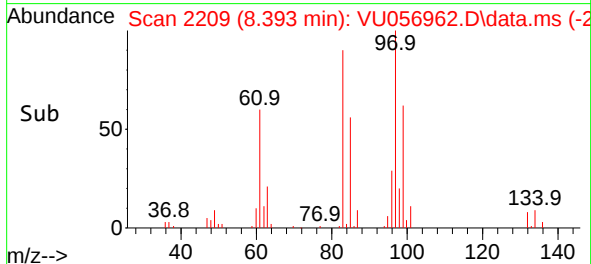


#45
1,1,2-Trichloroethane
Concen: 5.972 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

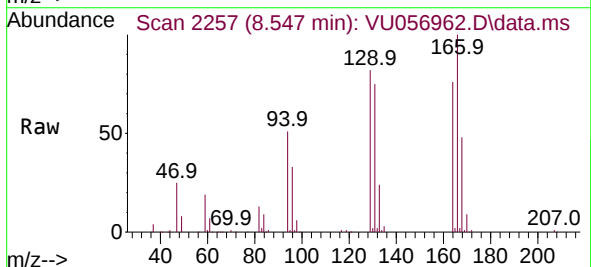
Instrument :
MSVOA_U
ClientSampleId :



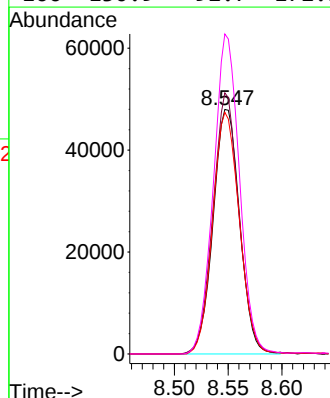
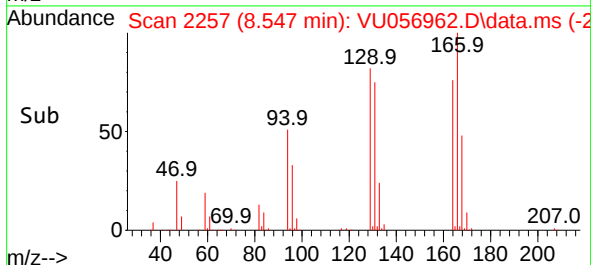
Tgt Ion:	97	Resp:	76672
Ion	Ratio	Lower	Upper
97	100		
99	61.9	41.9	77.9
83	89.6	59.1	109.7
85	56.2	39.6	73.6

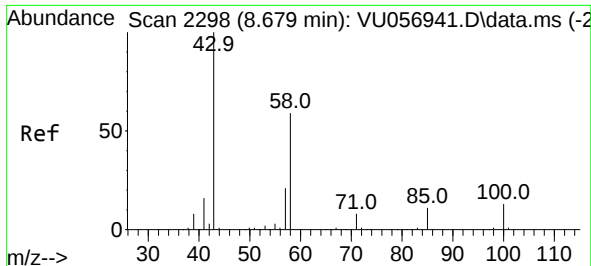


#47
Tetrachloroethene
Concen: 5.780 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31



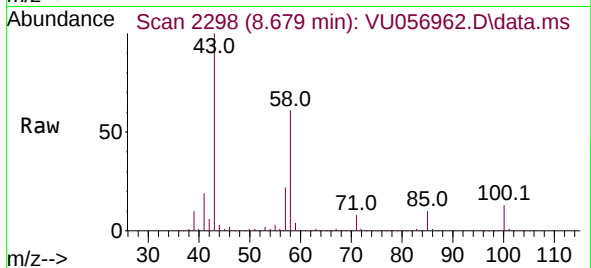
Tgt Ion:	164	Resp:	82378
Ion	Ratio	Lower	Upper
164	100		
129	106.8	73.4	136.4
131	98.8	71.5	132.9
166	130.9	92.7	172.1



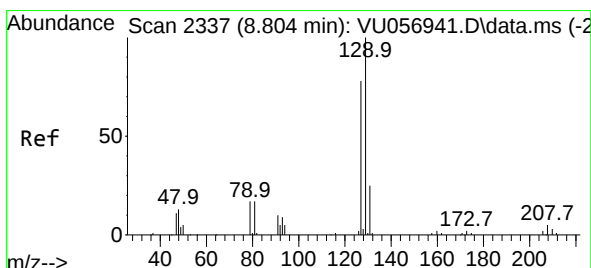
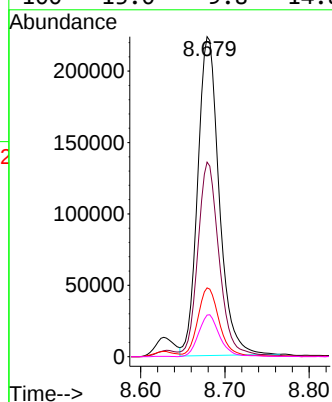
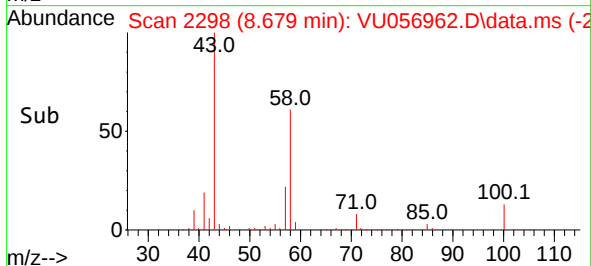


#48
2-Hexanone
Concen: 61.664 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Instrument :
MSVOA_U
ClientSampleId :

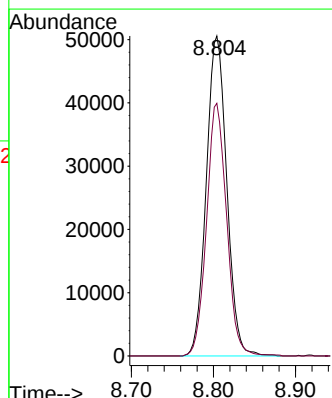
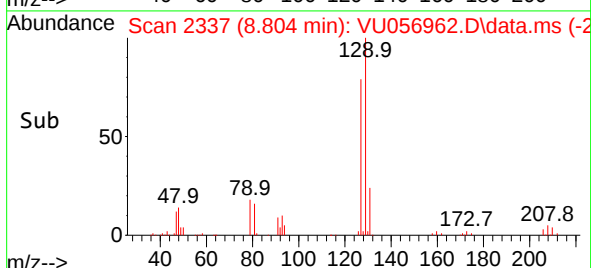
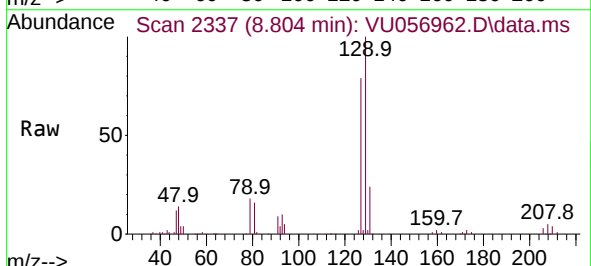


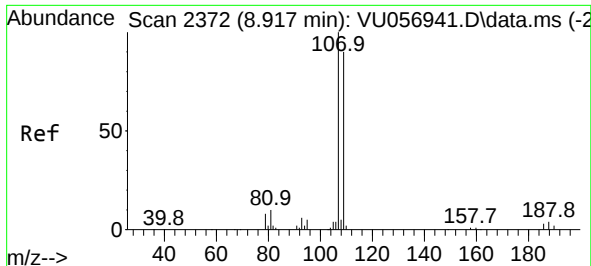
Tgt Ion: 43 Resp: 396016
Ion Ratio Lower Upper
43 100
58 60.6 47.5 71.3
57 21.6 17.0 25.4
100 13.0 9.8 14.8



#49
Dibromochloromethane
Concen: 5.953 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Tgt Ion: 129 Resp: 87851
Ion Ratio Lower Upper
129 100
127 79.0 53.9 100.1





#50

1,2-Dibromoethane

Concen: 5.977 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056962.D

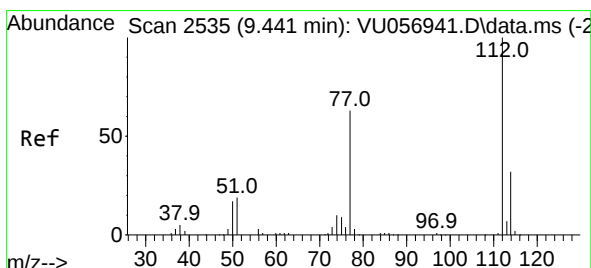
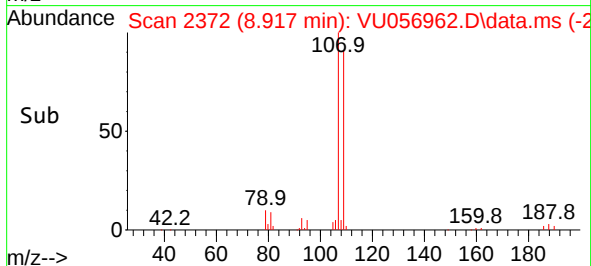
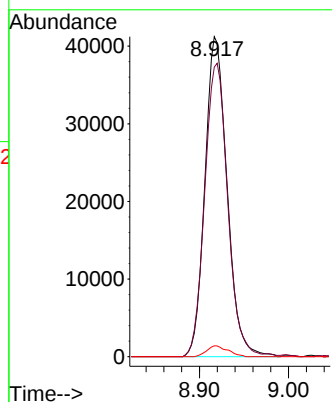
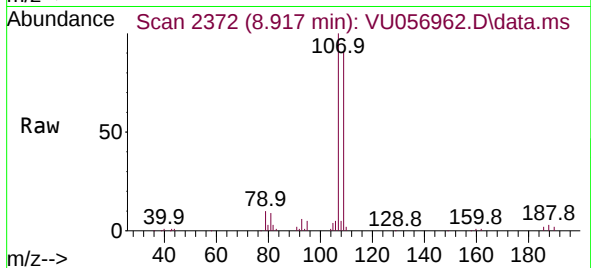
Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	71210
Ion Ratio	Lower	Upper
107	100	
109	90.5	66.5 123.5
188	3.4	2.9 4.3



#51

Chlorobenzene

Concen: 6.266 ug/L

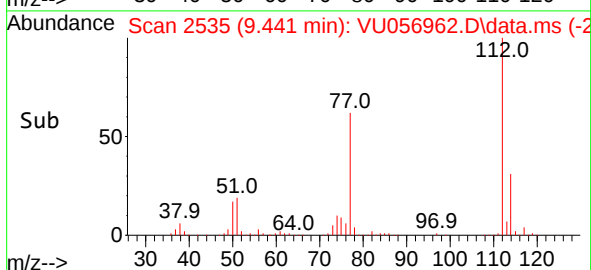
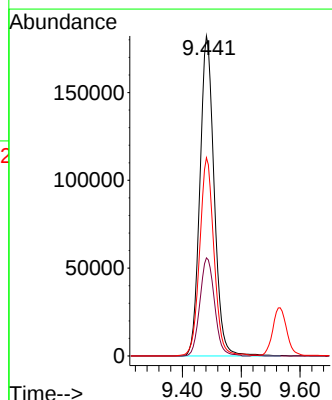
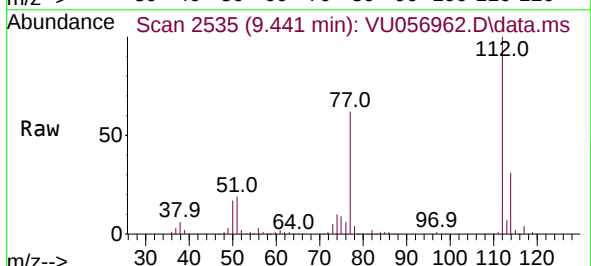
RT: 9.441 min Scan# 2535

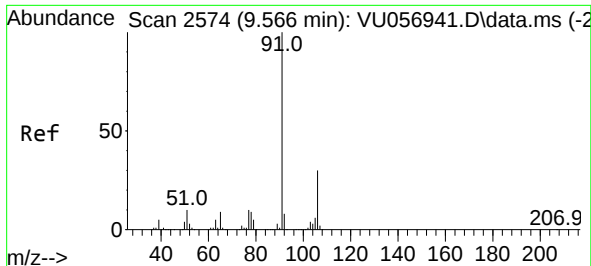
Delta R.T. -0.003 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Tgt Ion:112	Resp:	306736
Ion Ratio	Lower	Upper
112	100	
114	30.6	21.9 40.7
77	61.9	51.6 77.4





#52

Ethylbenzene

Concen: 5.840 ug/L

RT: 9.566 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

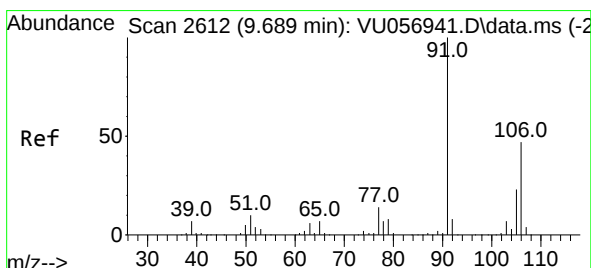
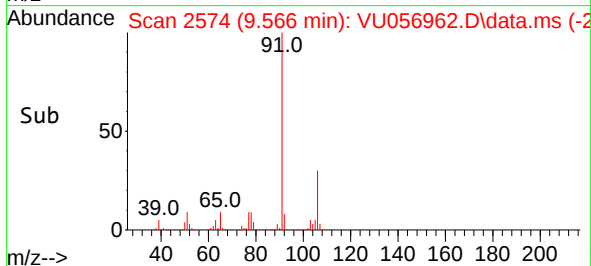
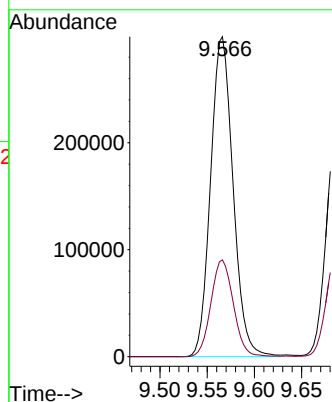
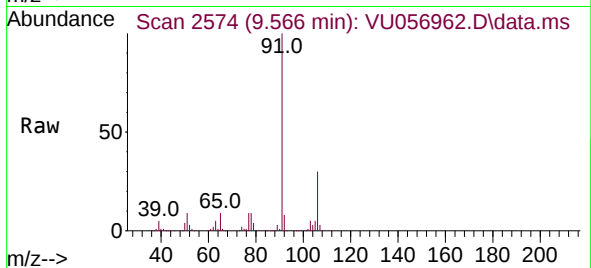
ClientSampleId :

Tgt Ion: 91 Resp: 494827

Ion Ratio Lower Upper

91 100

106 30.3 20.6 38.4



#53

m,p-Xylene

Concen: 5.974 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.003 min

Lab File: VU056962.D

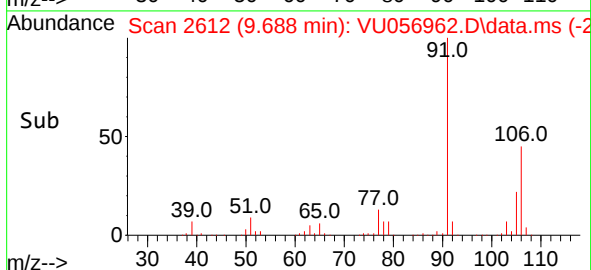
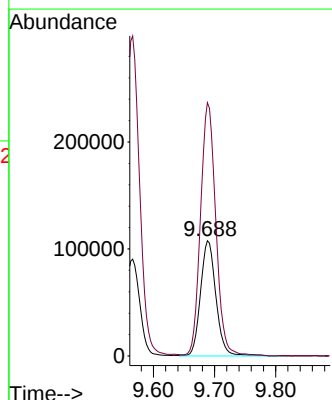
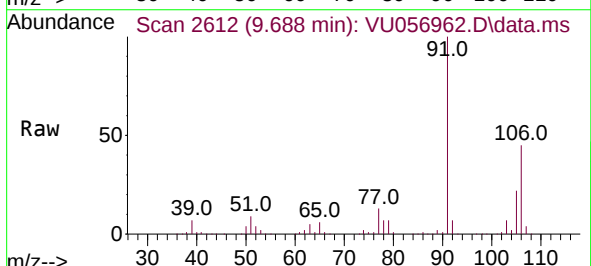
Acq: 17 Dec 2023 07:31

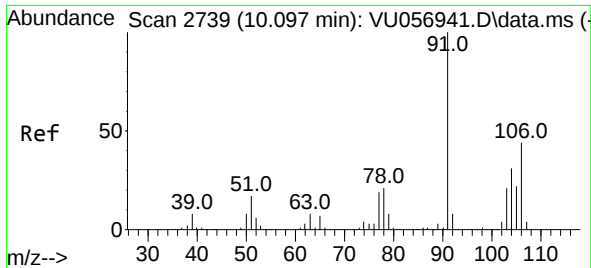
Tgt Ion:106 Resp: 188596

Ion Ratio Lower Upper

106 100

91 219.9 154.0 286.0

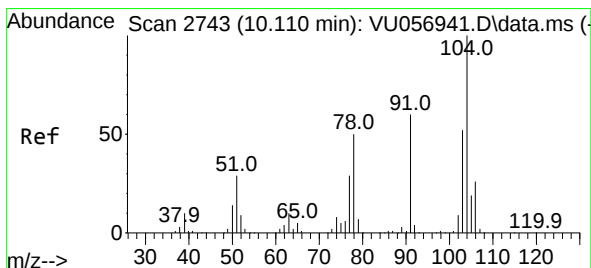
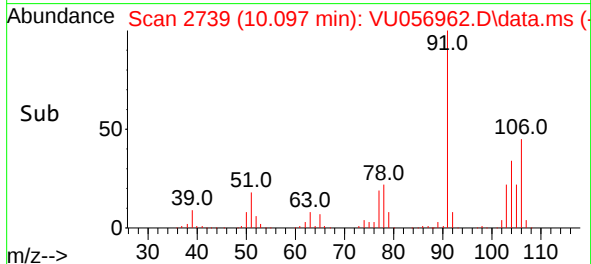
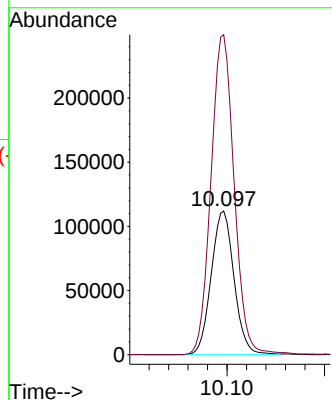
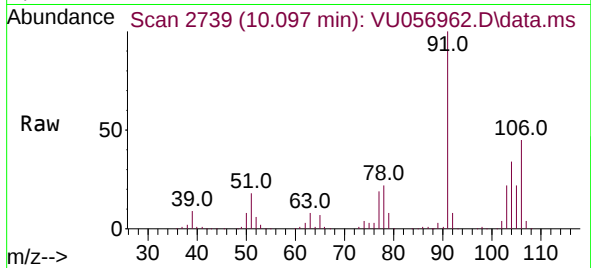




#54
o-Xylene
Concen: 6.052 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

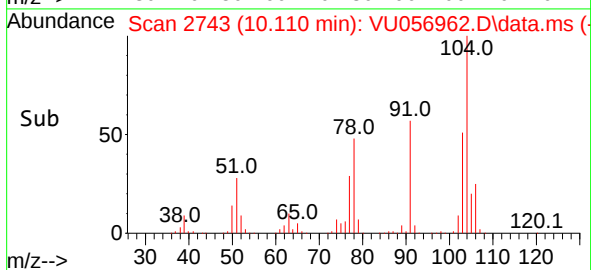
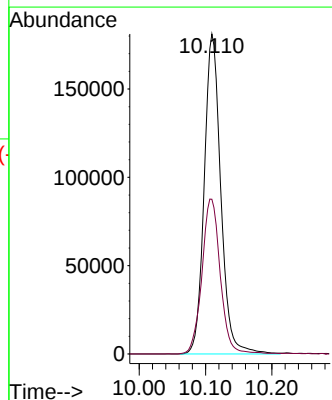
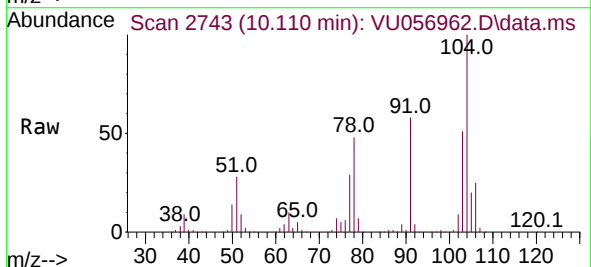
Instrument :
MSVOA_U
ClientSampleId :

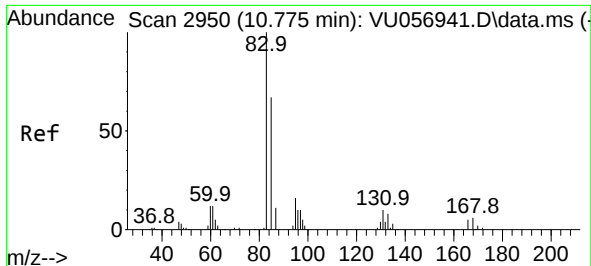
Tgt Ion:106 Resp: 182022
Ion Ratio Lower Upper
106 100
91 222.7 160.2 297.6



#55
Styrene
Concen: 6.391 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Tgt Ion:104 Resp: 315610
Ion Ratio Lower Upper
104 100
78 48.4 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 6.001 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU056962.D

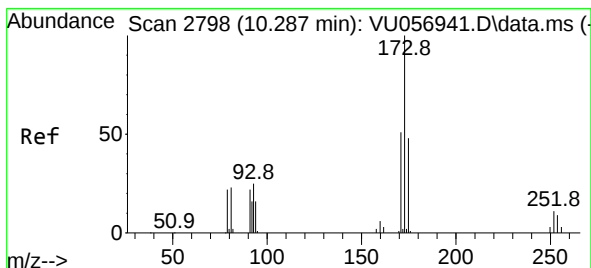
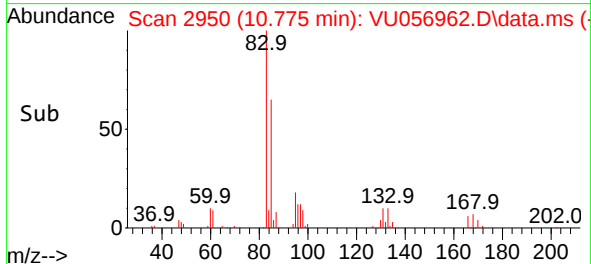
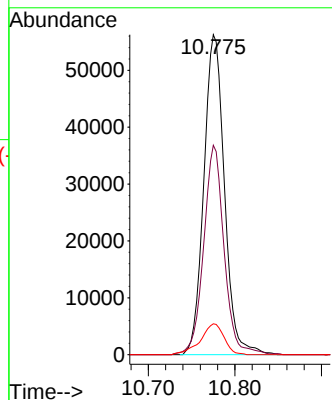
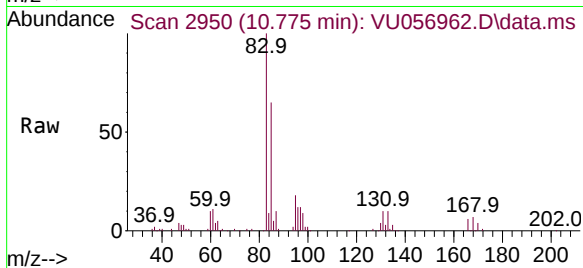
Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	93075
Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.4	84.4
131	9.6	6.6	9.8



#59

Bromoform

Concen: 5.491 ug/L

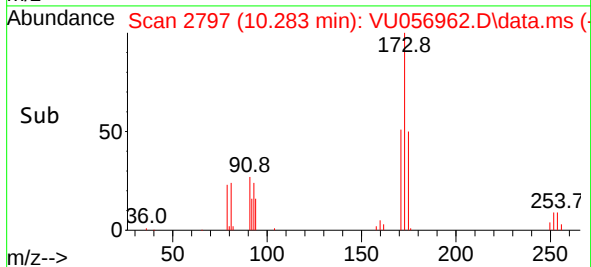
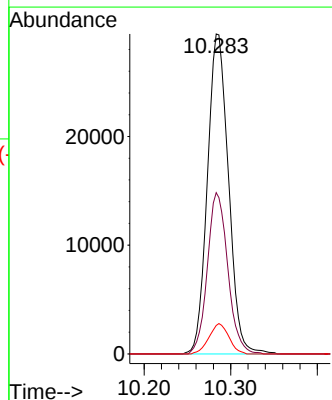
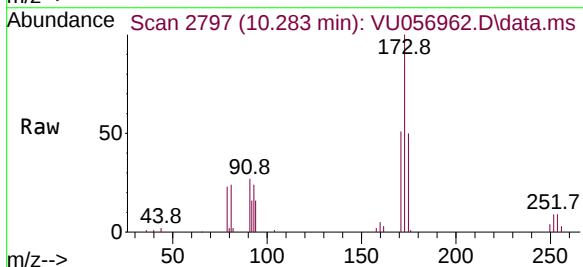
RT: 10.283 min Scan# 2797

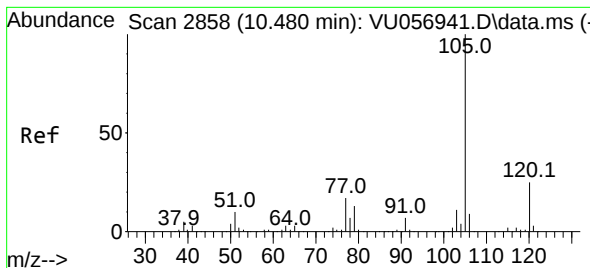
Delta R.T. -0.003 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Tgt Ion:	173	Resp:	49706
Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.2	57.2
254	9.0	7.0	10.4





#60

Isopropylbenzene

Concen: 5.579 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

ClientSampleId :

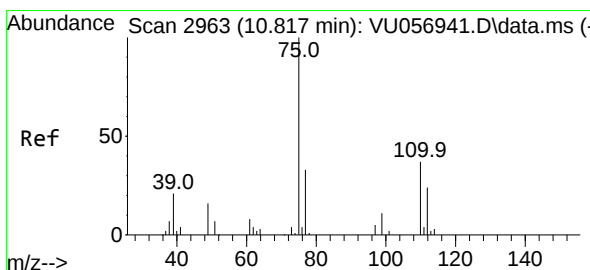
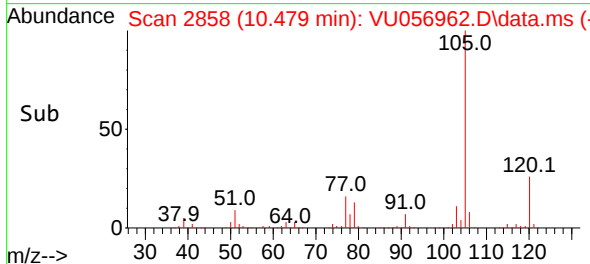
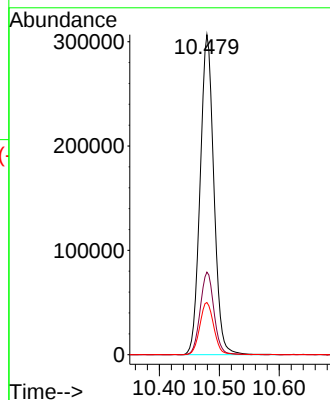
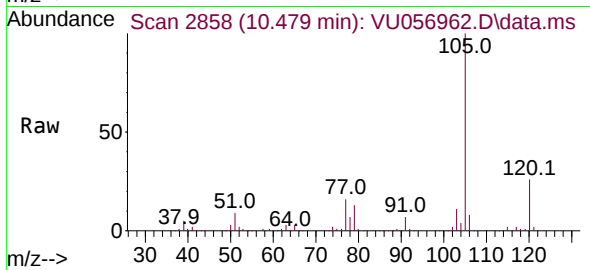
Tgt Ion:105 Resp: 488649

Ion Ratio Lower Upper

105 100

120 26.0 20.1 30.1

77 16.7 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.356 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

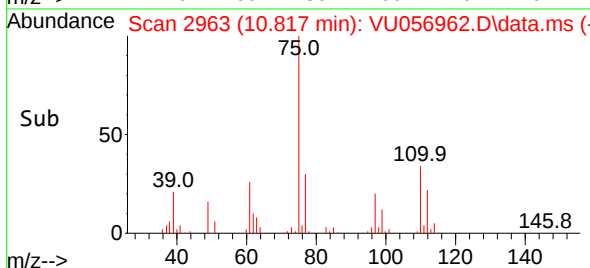
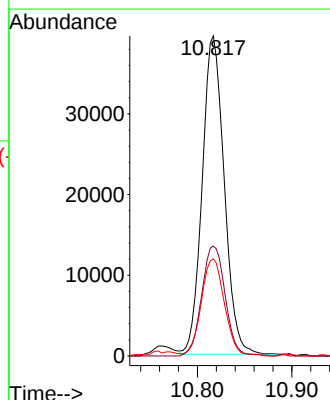
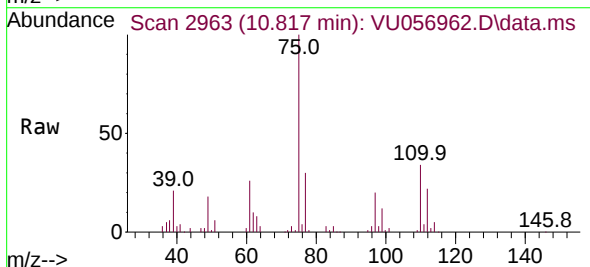
Tgt Ion: 75 Resp: 63752

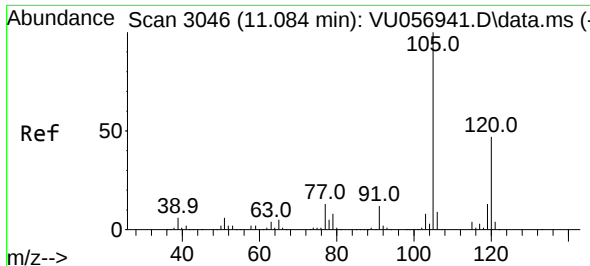
Ion Ratio Lower Upper

75 100

110 36.8 28.4 42.6

77 32.1 26.3 39.5

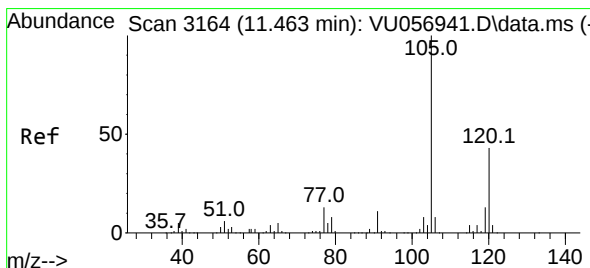
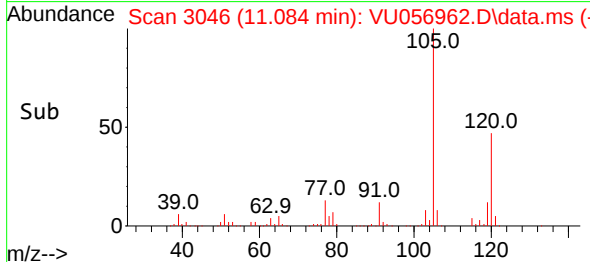
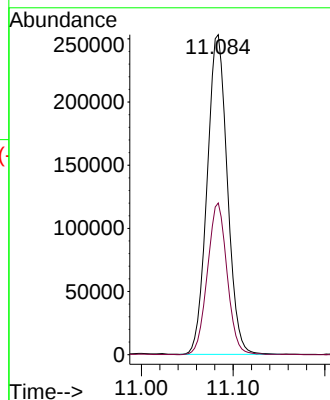
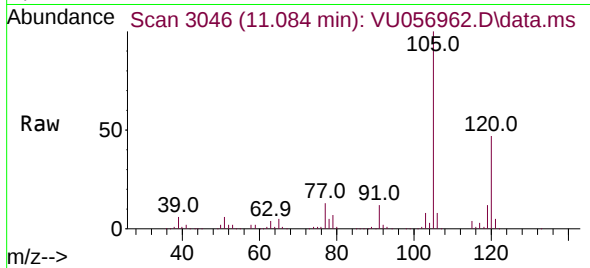




#62
1,3,5-Trimethylbenzene
Concen: 5.416 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

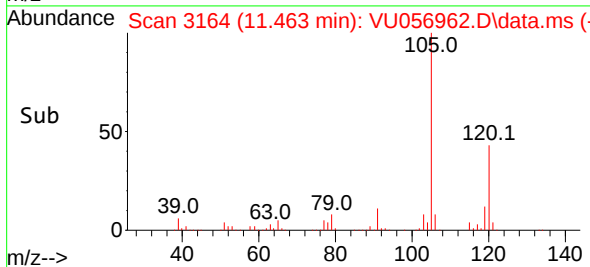
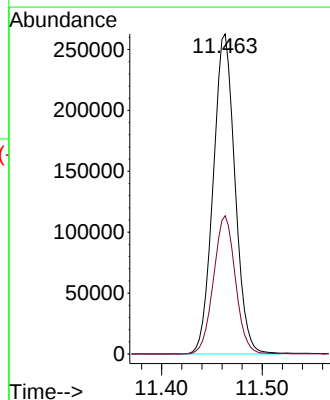
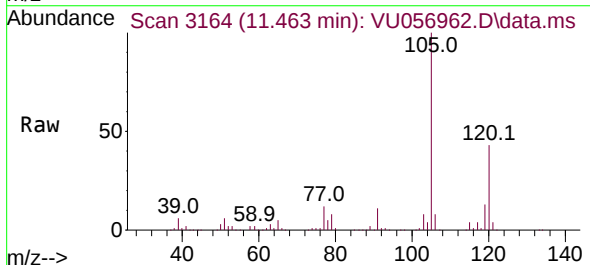
Instrument :
MSVOA_U
ClientSampleId :

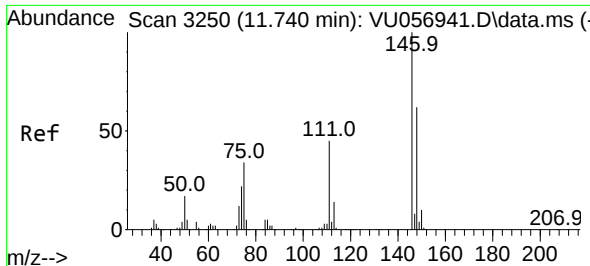
Tgt Ion:105 Resp: 387688
Ion Ratio Lower Upper
105 100
120 46.2 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 5.574 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

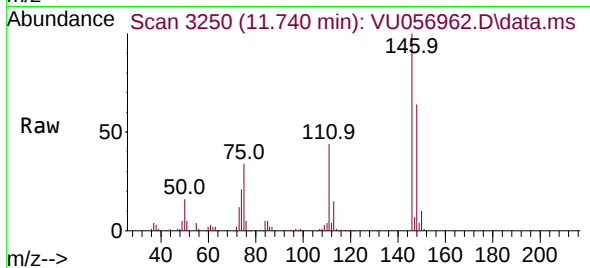
Tgt Ion:105 Resp: 396284
Ion Ratio Lower Upper
105 100
120 43.4 34.2 51.4



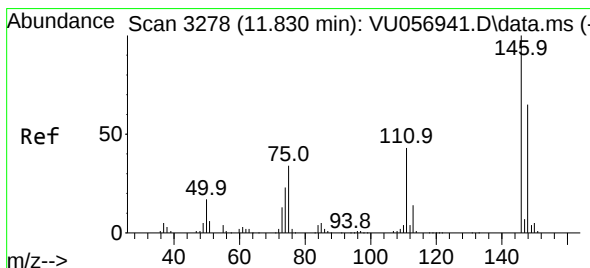
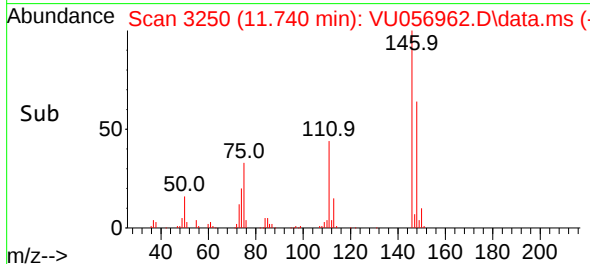
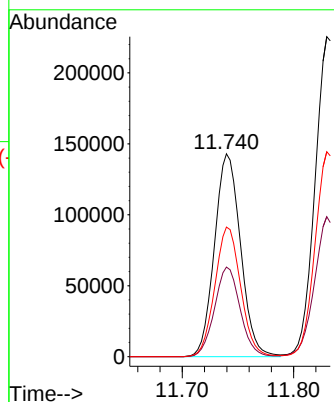


#64
1,3-Dichlorobenzene
Concen: 5.619 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Instrument :
MSVOA_U
ClientSampleId :

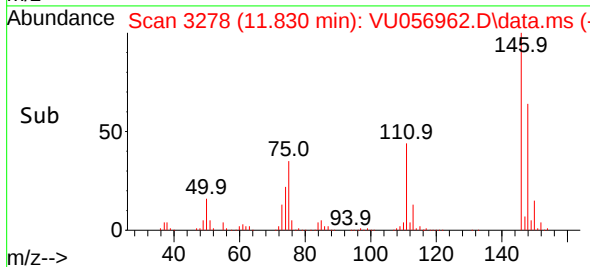
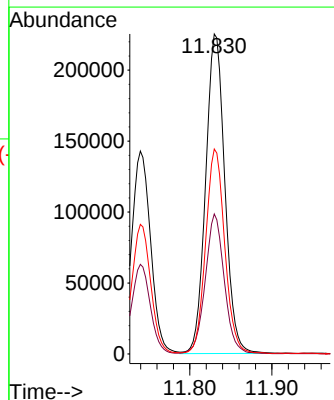
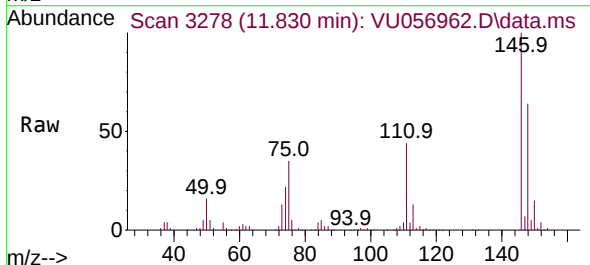


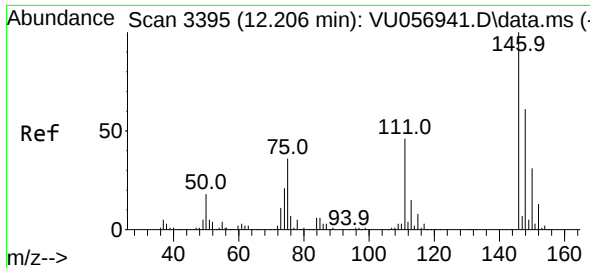
Tgt Ion:146 Resp: 232802
Ion Ratio Lower Upper
146 100
111 44.2 31.7 58.9
148 63.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 8.983 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Tgt Ion:146 Resp: 366497
Ion Ratio Lower Upper
146 100
111 43.7 31.2 58.0
148 64.1 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 18.092 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

ClientSampleId :

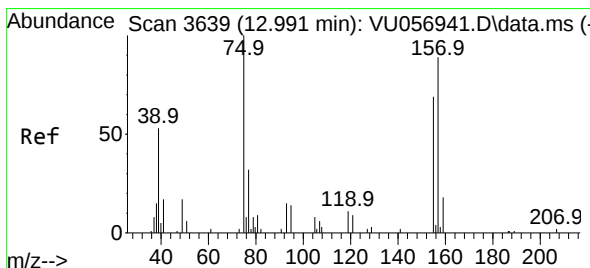
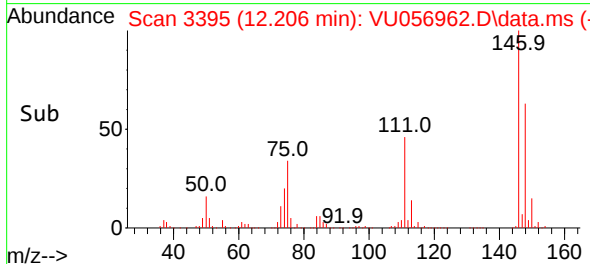
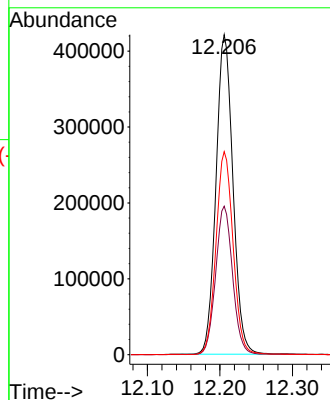
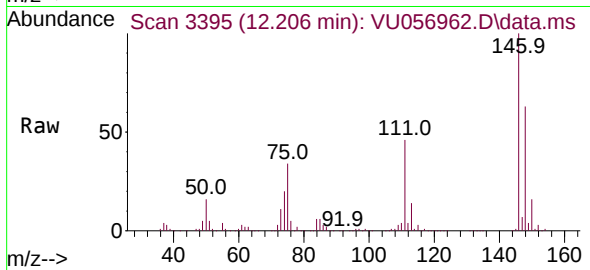
Tgt Ion:146 Resp: 682882

Ion Ratio Lower Upper

146 100

111 46.4 36.9 55.3

148 63.5 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.945 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

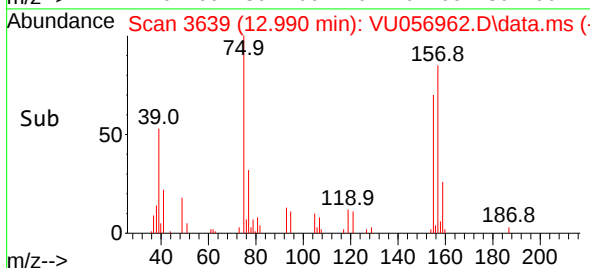
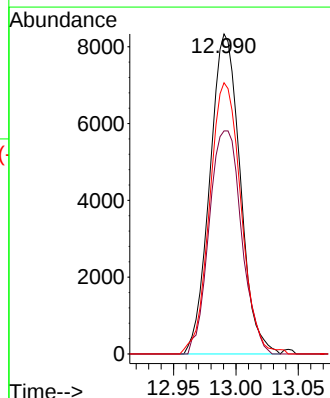
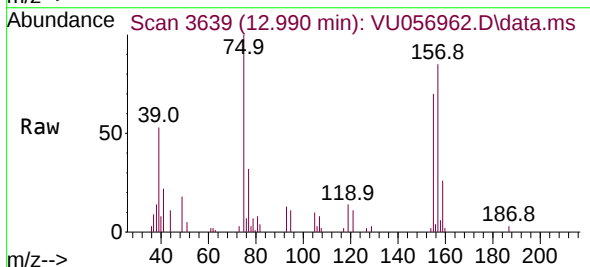
Tgt Ion: 75 Resp: 14129

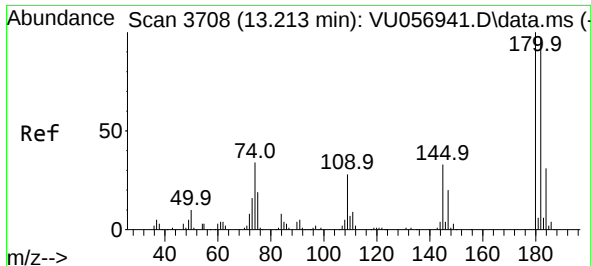
Ion Ratio Lower Upper

75 100

155 69.7 55.4 83.2

157 84.8 77.3 115.9





#69

1,3,5-Trichlorobenzene

Concen: 5.055 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.003 min

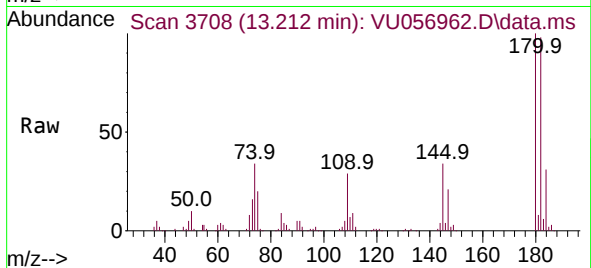
Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 158275

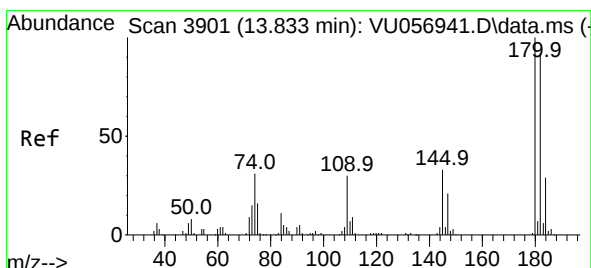
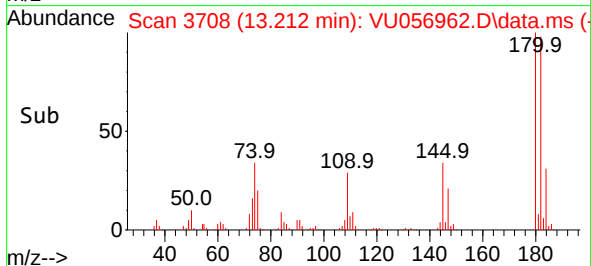
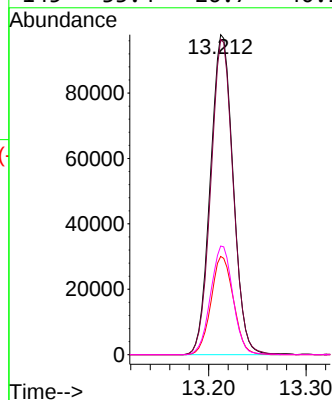
Ion Ratio Lower Upper

180 100

182 96.9 76.2 114.4

184 30.3 24.6 37.0

145 33.4 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 4.860 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU056962.D

Acq: 17 Dec 2023 07:31

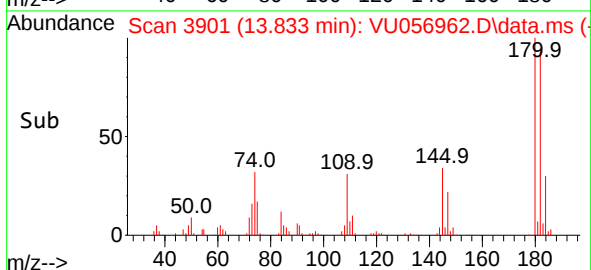
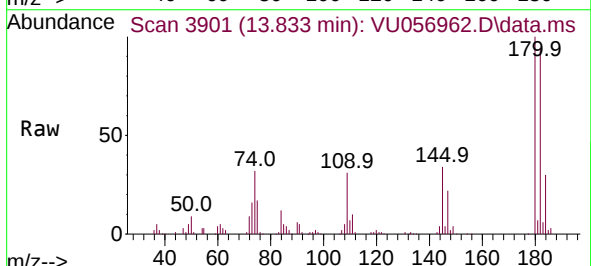
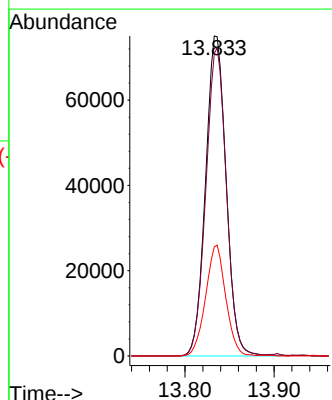
Tgt Ion:180 Resp: 120491

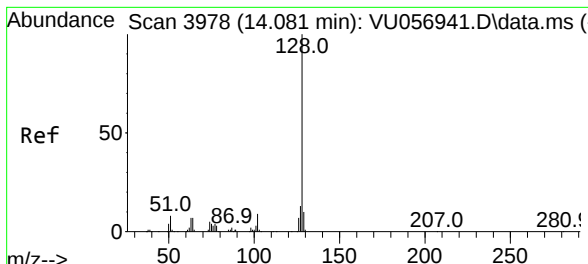
Ion Ratio Lower Upper

180 100

182 95.6 74.3 111.5

145 33.8 26.7 40.1

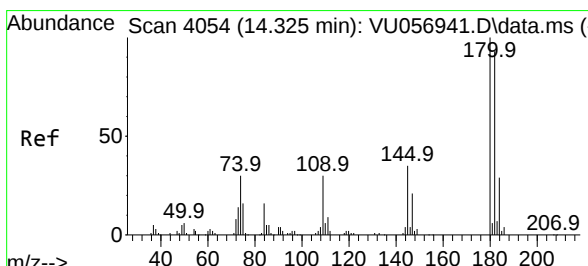
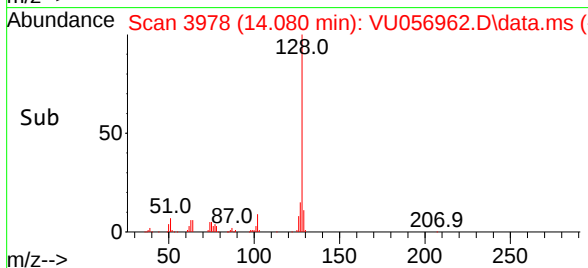
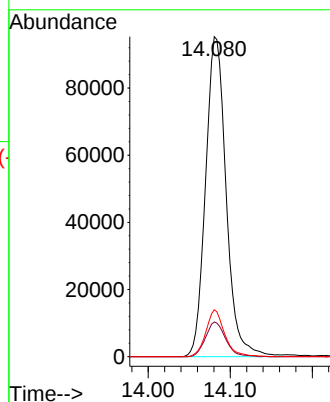
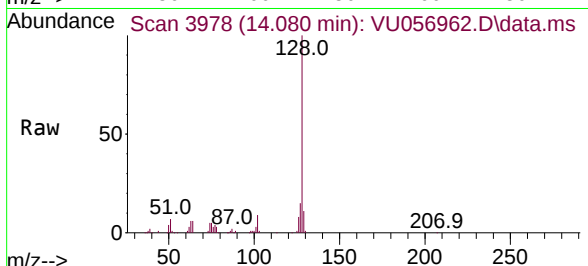




#71
Naphthalene
Concen: 4.588 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 166457
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.949 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056962.D
Acq: 17 Dec 2023 07:31

Tgt Ion:180 Resp: 104175
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.6
145 35.7 28.6 42.8

