

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120623\
 Data File : VU056674.D
 Acq On : 06 Dec 2023 19:22
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 04:56:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	243666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	245976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125102	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	73115	4.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.911	69	62853	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.563	65	33298	4.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.624	46	235186	64.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.440%
24) Chloroform-d	5.055	84	181352	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.695	65	85959	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.721	84	326263	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.685	67	104038	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.894	98	285712	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.177	79	39820	4.701	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	183768	55.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86805	5.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	103032	4.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	73151	3.789	ug/L	96
3) Chloromethane	1.515	50	76566	3.881	ug/L	99
5) Vinyl chloride	1.602	62	82428	4.336	ug/L	95
6) Bromomethane	1.856	94	48057	4.995	ug/L	99
8) Chloroethane	1.933	64	54490	4.693	ug/L	93
9) Trichlorofluoromethane	2.136	101	137268	5.011	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	89730	5.518	ug/L	98
12) 1,1-Dichloroethene	2.576	96	72818	4.882	ug/L	96
13) Acetone	2.637	43	131345	42.435	ug/L	99
14) Carbon disulfide	2.789	76	162898	3.356	ug/L	99
15) Methyl Acetate	2.949	43	32722	5.941	ug/L	99
16) Methylene chloride	3.039	84	95395	4.833	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	212446	5.862	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	76176	4.964	ug/L	99
19) 1,1-Dichloroethane	3.862	63	175777	5.782	ug/L	98
21) 2-Butanone	4.705	43	208899	52.012	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	94579	5.434	ug/L	99
23) Bromochloromethane	4.968	128	40476	5.650	ug/L	94
25) Chloroform	5.081	83	185443	5.630	ug/L	99

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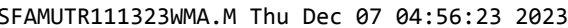
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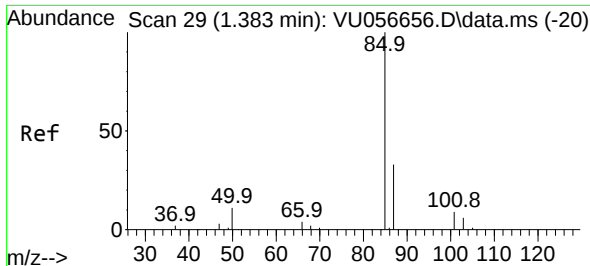
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	109225	5.841	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	157524	5.579	ug/L	99
30) Cyclohexane	5.383	56	108164	4.036	ug/L	100
31) Carbon tetrachloride	5.518	117	128462	5.297	ug/L	98
33) Benzene	5.769	78	355937	5.071	ug/L	100
34) Trichloroethene	6.538	95	96369	5.039	ug/L	97
35) Methylcyclohexane	6.756	83	114069	4.132	ug/L	95
37) 1,2-Dichloropropane	6.785	63	100166	5.473	ug/L	100
38) Bromodichloromethane	7.100	83	131669	5.572	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	138594	5.153	ug/L	94
40) 4-Methyl-2-pentanone	7.785	43	518271	57.123	ug/L	100
42) Toluene	7.965	91	382978	5.271	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	118266	5.516	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	71906	5.899	ug/L	96
47) Tetrachloroethene	8.547	164	67674	5.248	ug/L	98
48) 2-Hexanone	8.679	43	378074	53.489	ug/L	98
49) Dibromochloromethane	8.804	129	82276	5.935	ug/L	98
50) 1,2-Dibromoethane	8.917	107	62058	5.393	ug/L	98
51) Chlorobenzene	9.441	112	254395	5.449	ug/L	99
52) Ethylbenzene	9.566	91	430155	5.331	ug/L	99
53) m,p-Xylene	9.689	106	162812	5.489	ug/L	95
54) o-Xylene	10.097	106	157363	5.461	ug/L	97
55) Styrene	10.110	104	270236	5.638	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	88274	5.931	ug/L	99
59) Bromoform	10.283	173	46797	6.005	ug/L	98
60) Isopropylbenzene	10.480	105	431252	5.345	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	61381	5.718	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	344222	5.196	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	345451	5.283	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	200797	5.471	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	197264	5.359	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	185804	5.518	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	12242	5.339	ug/L	84
69) 1,3,5-Trichlorobenzene	13.213	180	147724	5.346	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	109733	4.876	ug/L	98
71) Naphthalene	14.081	128	146885	4.320	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	90526	4.883	ug/L	98

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

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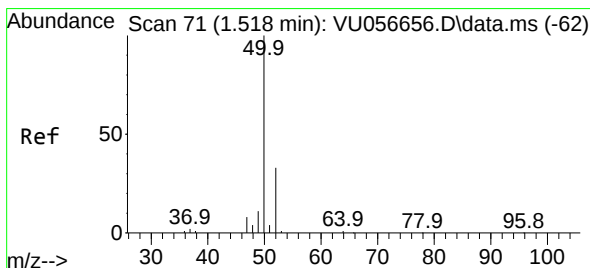
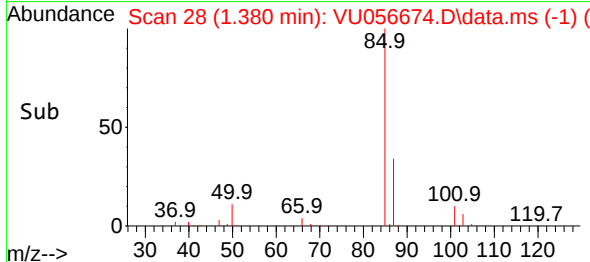
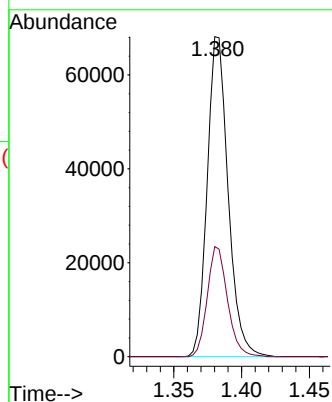
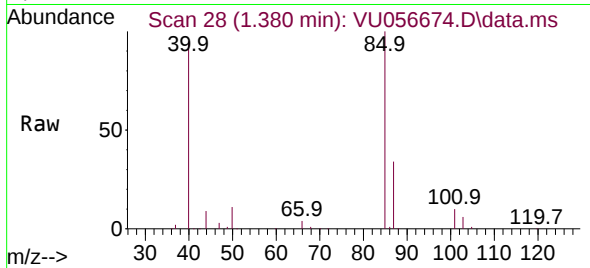




#2
 Dichlorodifluoromethane
 Concen: 3.789 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU056674.D
 Acq: 06 Dec 2023 19:22

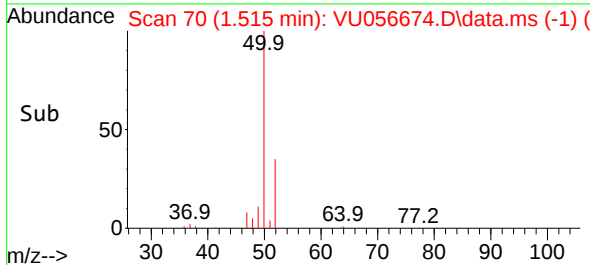
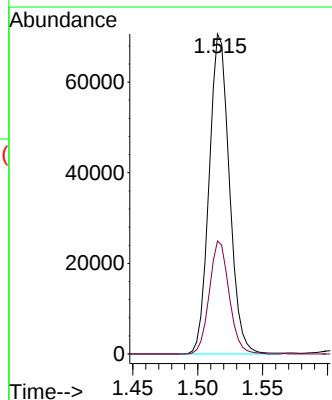
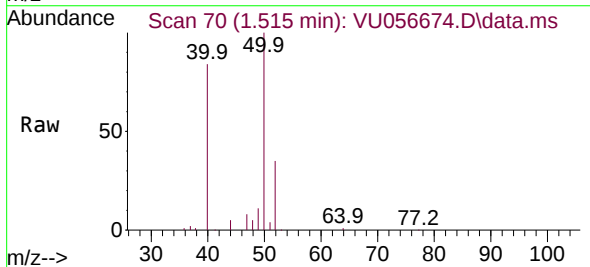
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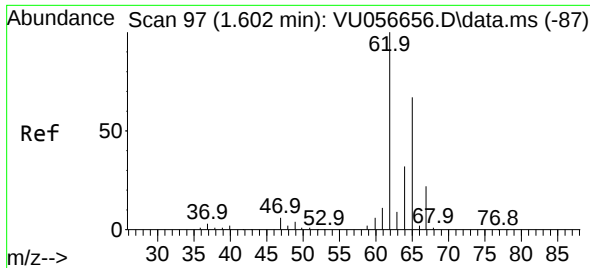
Tgt Ion: 85 Resp: 73151
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.0 37.4



#3
 Chloromethane
 Concen: 3.881 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU056674.D
 Acq: 06 Dec 2023 19:22

Tgt Ion: 50 Resp: 76566
 Ion Ratio Lower Upper
 50 100
 52 35.3 24.3 45.1

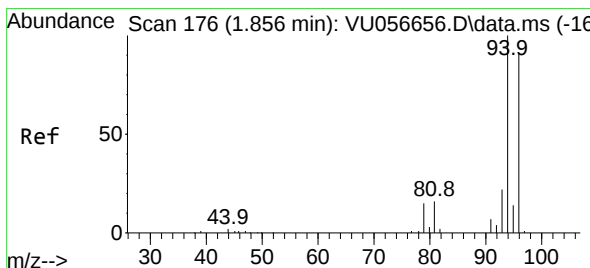
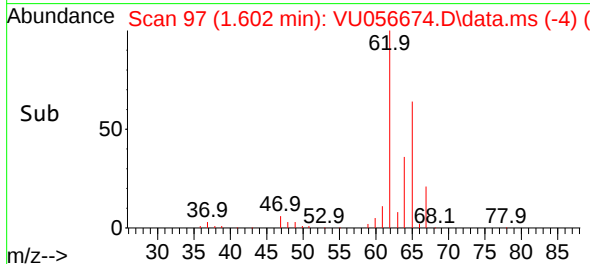
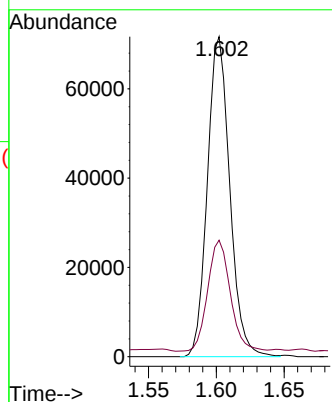
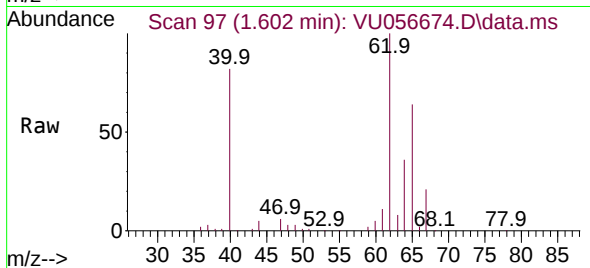




#5
 Vinyl chloride
 Concen: 4.336 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056674.D
 Acq: 06 Dec 2023 19:22

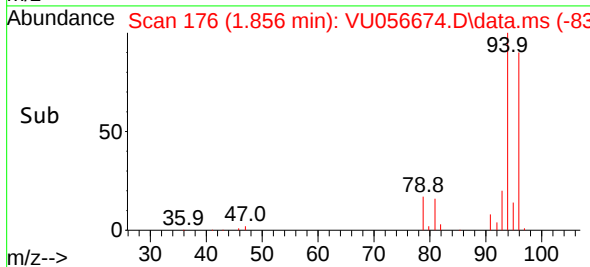
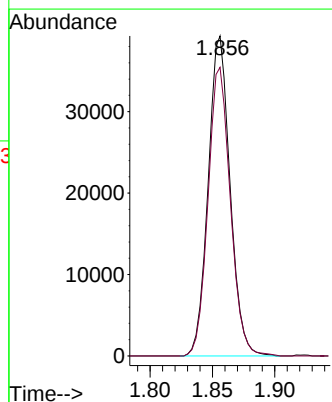
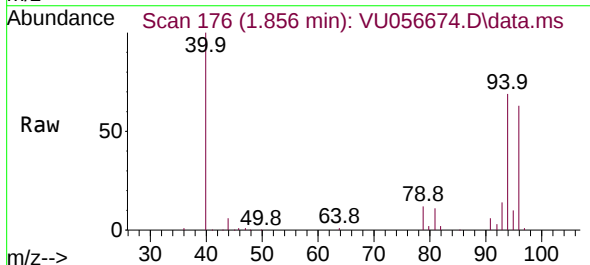
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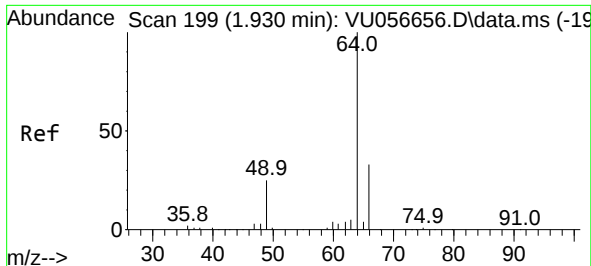
Tgt Ion: 62 Resp: 82428
 Ion Ratio Lower Upper
 62 100
 64 36.4 23.3 43.3



#6
 Bromomethane
 Concen: 4.995 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU056674.D
 Acq: 06 Dec 2023 19:22

Tgt Ion: 94 Resp: 48057
 Ion Ratio Lower Upper
 94 100
 96 90.2 62.6 116.2

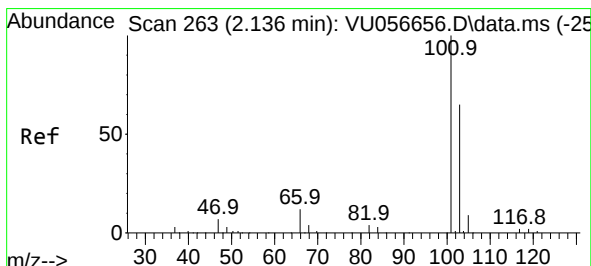
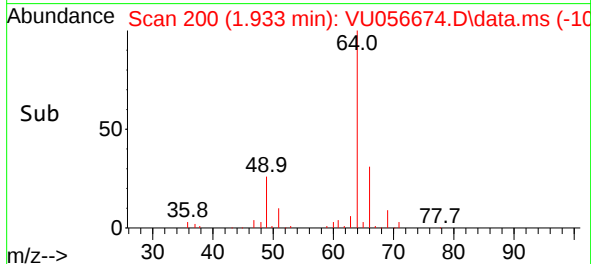
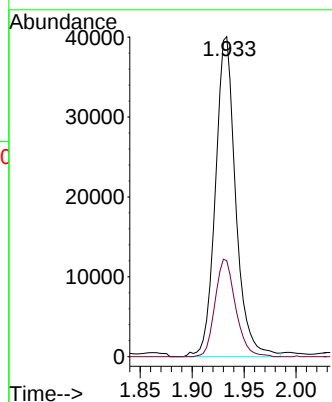
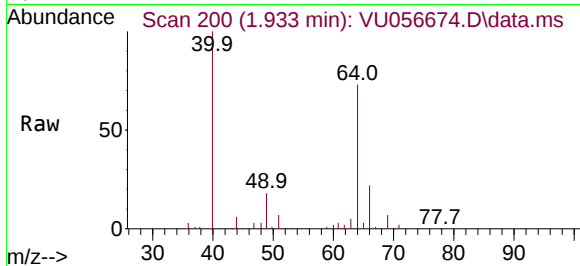




#8
Chloroethane
Concen: 4.693 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

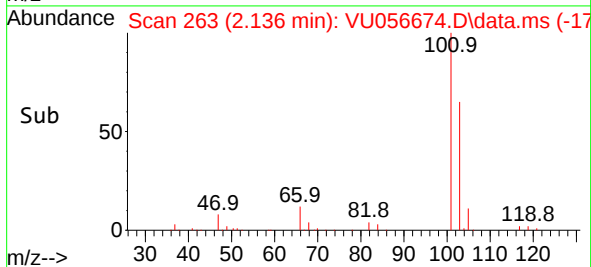
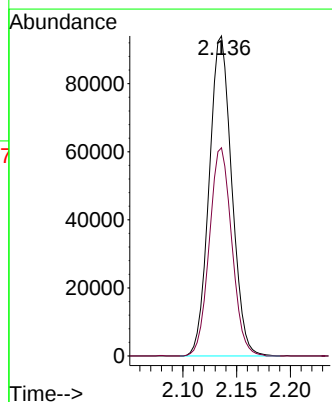
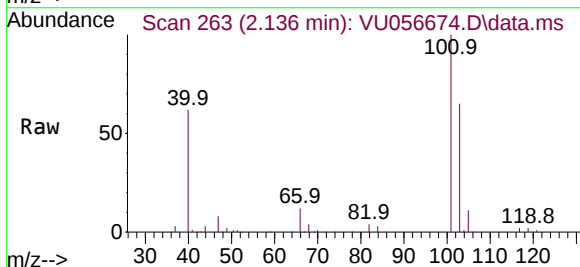
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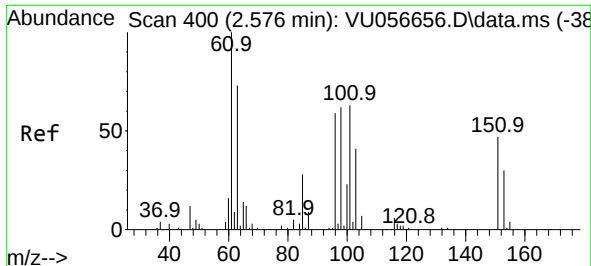
Tgt Ion: 64 Resp: 54490
Ion Ratio Lower Upper
64 100
66 30.0 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.011 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Tgt Ion: 101 Resp: 137268
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0

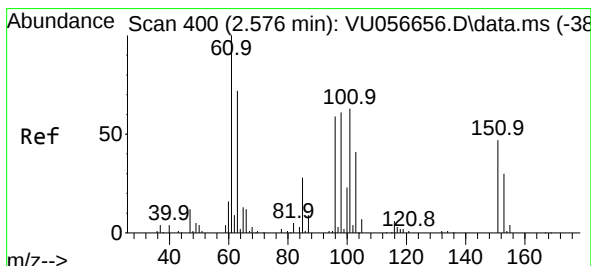
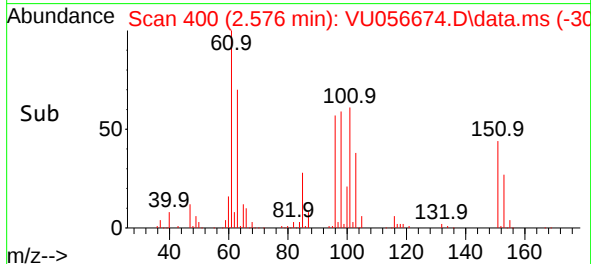
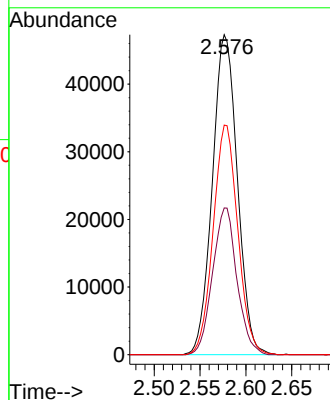
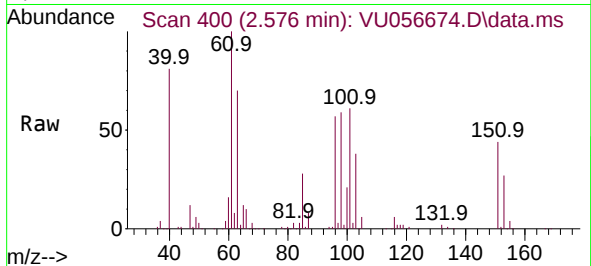




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.518 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056674.D
 Acq: 06 Dec 2023 19:22

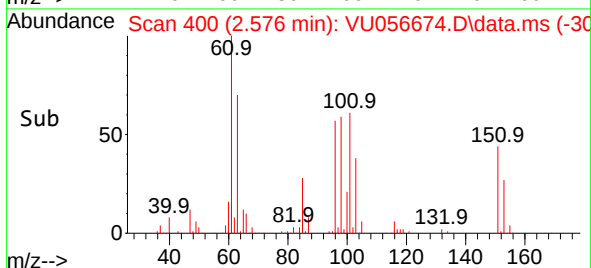
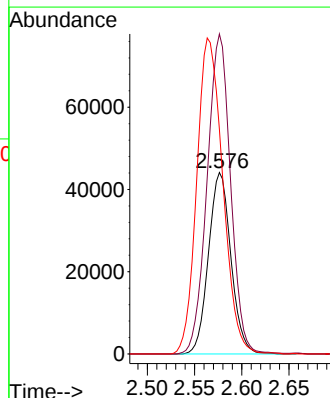
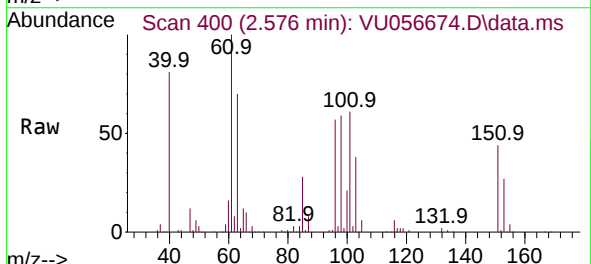
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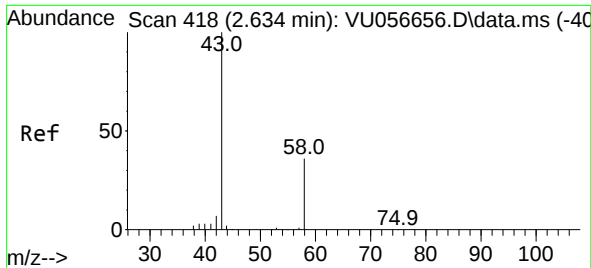
Tgt Ion:101 Resp: 89730
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.4 53.0
 151 70.7 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 4.882 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056674.D
 Acq: 06 Dec 2023 19:22

Tgt Ion: 96 Resp: 72818
 Ion Ratio Lower Upper
 96 100
 61 176.3 123.1 228.7
 63 123.8 93.3 173.3





#13

Acetone

Concen: 42.435 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

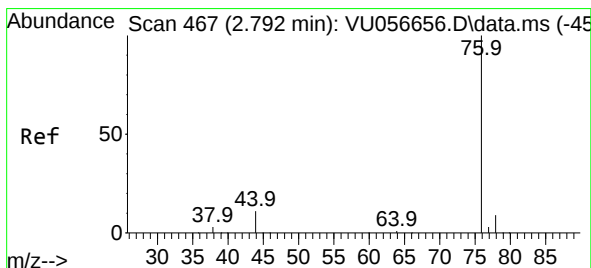
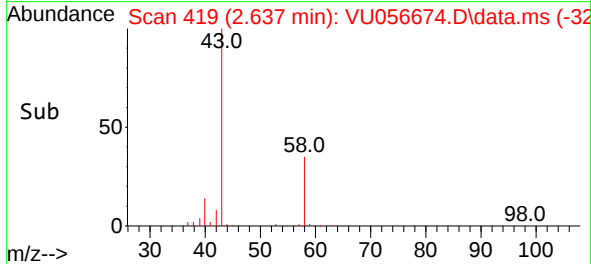
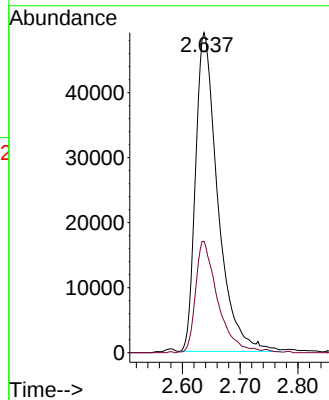
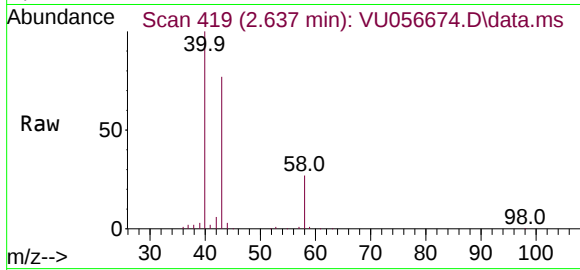
ClientSampleId :

Tgt Ion: 43 Resp: 131345

Ion Ratio Lower Upper

43 100

58 34.6 0.0 70.0



#14

Carbon disulfide

Concen: 3.356 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU056674.D

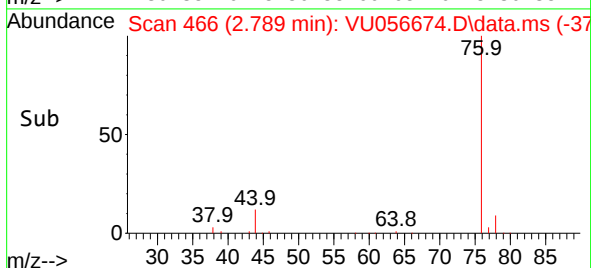
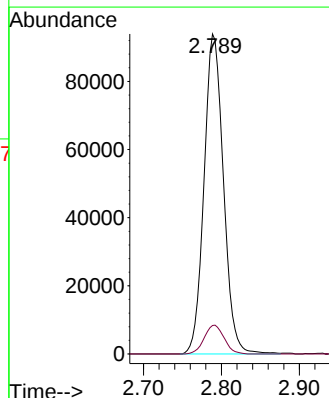
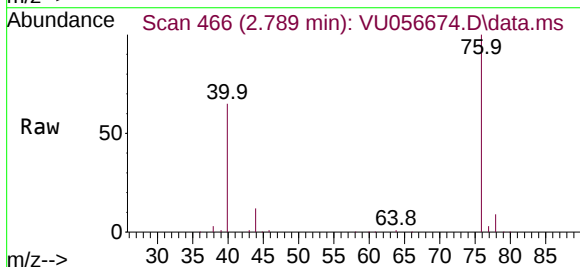
Acq: 06 Dec 2023 19:22

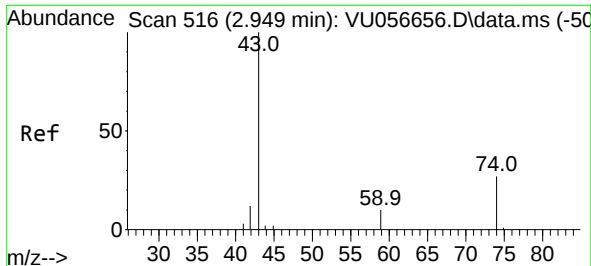
Tgt Ion: 76 Resp: 162898

Ion Ratio Lower Upper

76 100

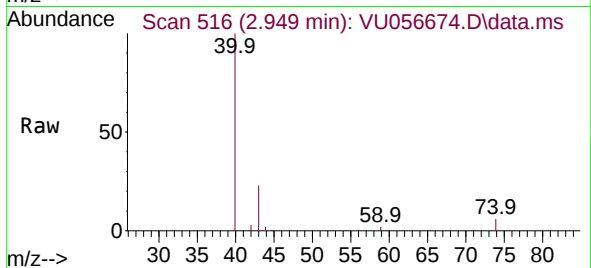
78 8.9 6.8 10.2



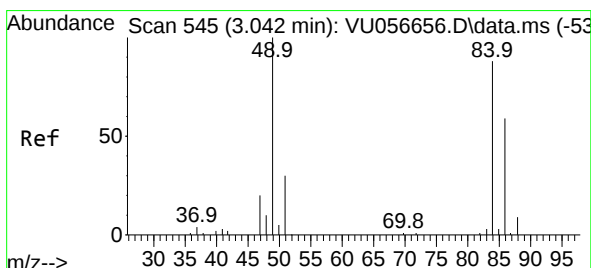
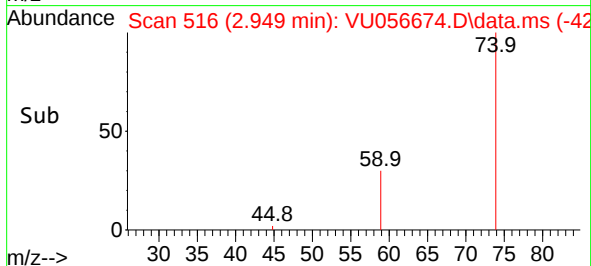
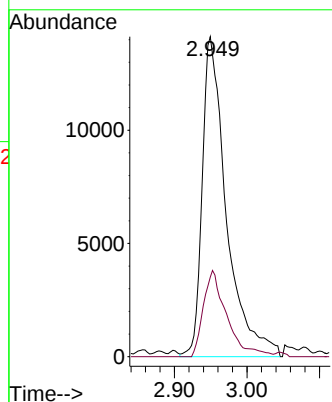


#15
Methyl Acetate
Concen: 5.941 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Instrument :
MSVOA_U
ClientSampleId :

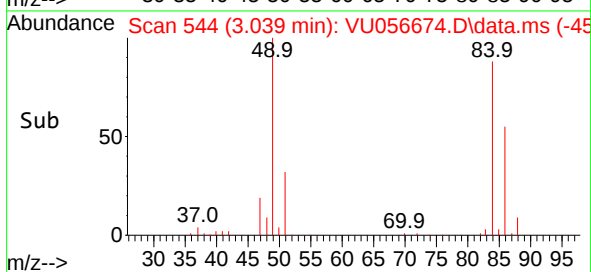
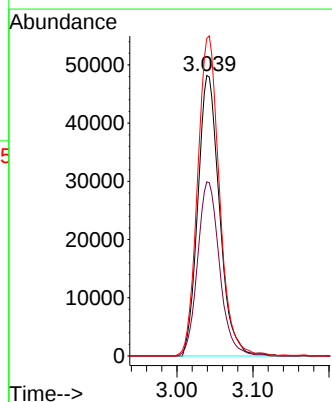
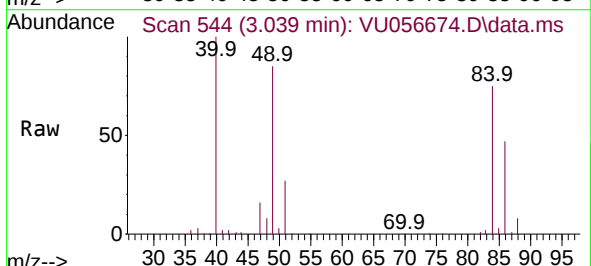


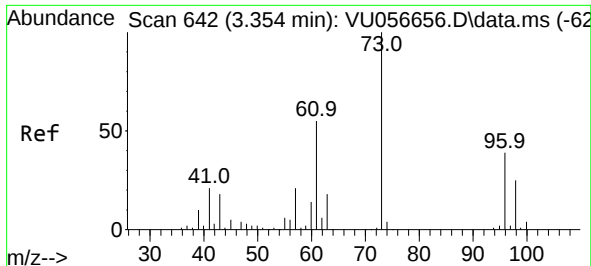
Tgt Ion: 43 Resp: 32722
Ion Ratio Lower Upper
43 100
74 26.1 20.6 31.0



#16
Methylene chloride
Concen: 4.833 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Tgt Ion: 84 Resp: 95395
Ion Ratio Lower Upper
84 100
86 62.1 44.7 83.1
49 113.3 81.8 152.0





#17

Methyl tert-butyl Ether

Concen: 5.862 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

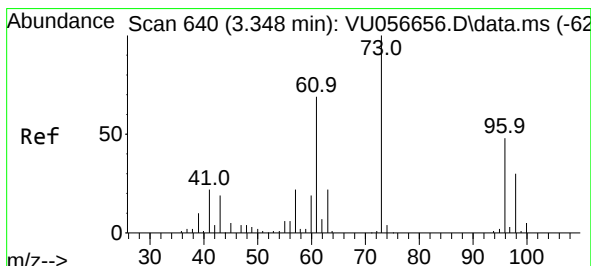
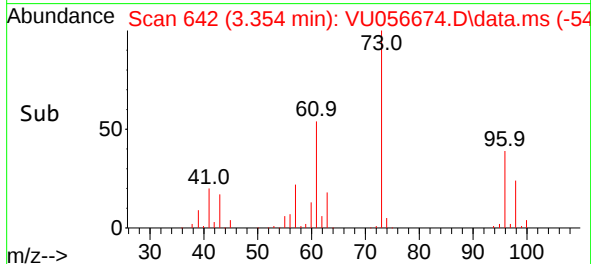
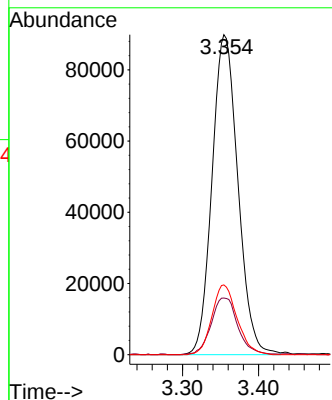
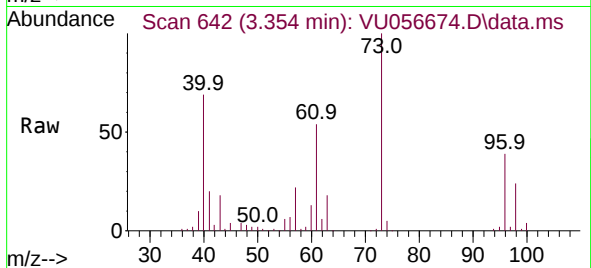
Tgt Ion: 73 Resp: 212446

Ion Ratio Lower Upper

73 100

43 18.3 15.1 22.7

57 21.2 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 4.964 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

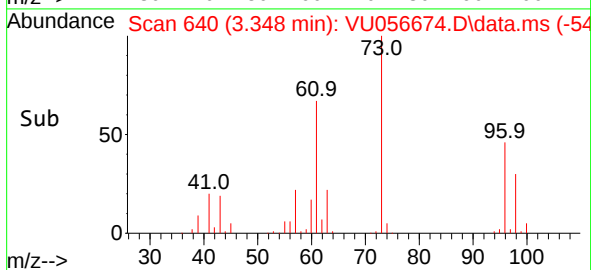
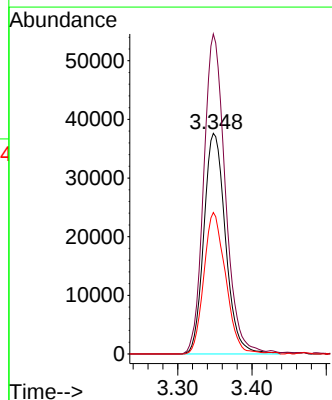
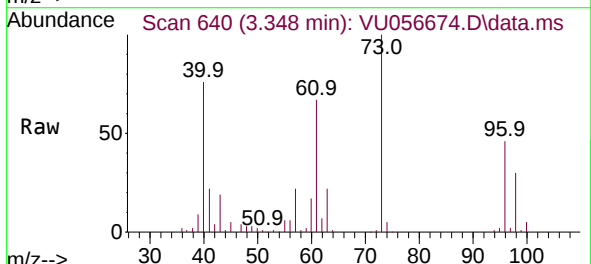
Tgt Ion: 96 Resp: 76176

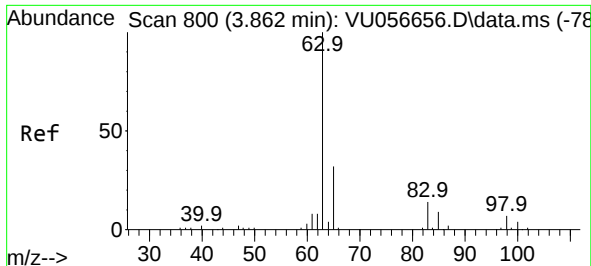
Ion Ratio Lower Upper

96 100

61 145.1 101.7 188.9

98 64.1 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.782 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

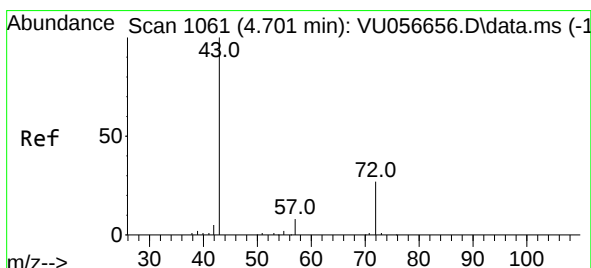
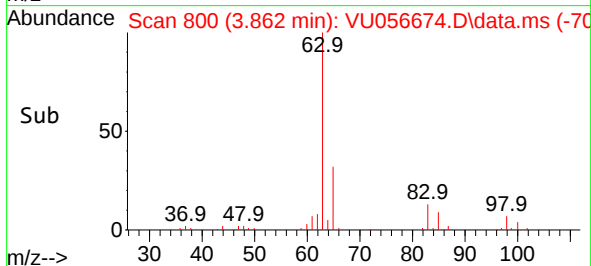
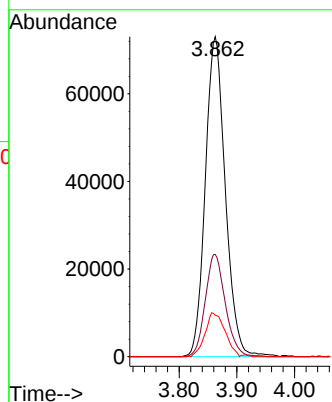
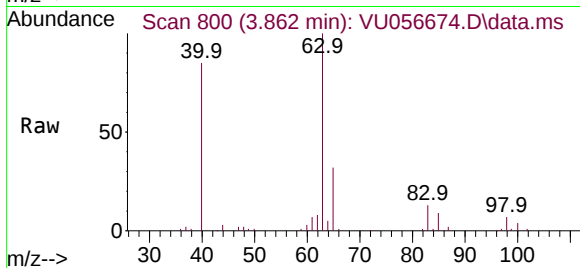
Tgt Ion: 63 Resp: 175777

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.6

83 12.9 9.7 17.9



#21

2-Butanone

Concen: 52.012 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. 0.003 min

Lab File: VU056674.D

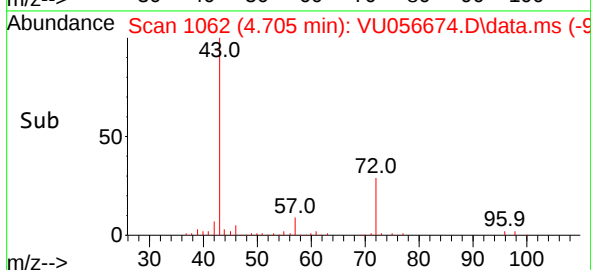
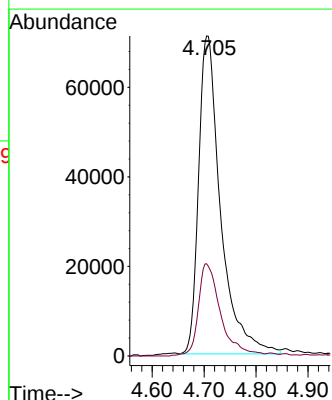
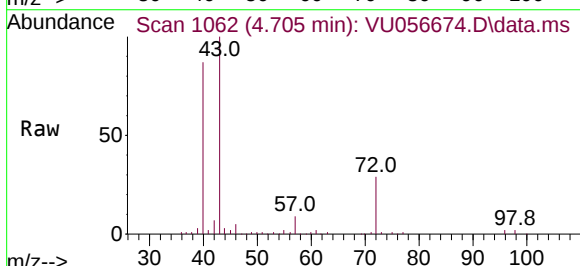
Acq: 06 Dec 2023 19:22

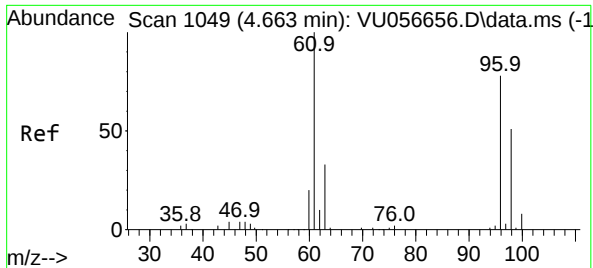
Tgt Ion: 43 Resp: 208899

Ion Ratio Lower Upper

43 100

72 29.4 14.2 42.6

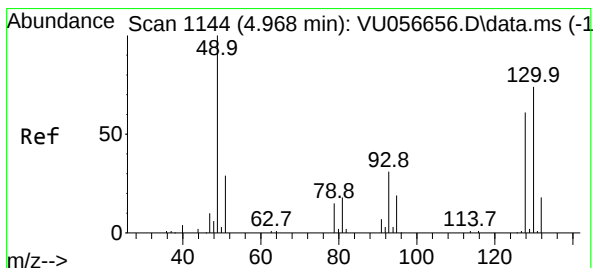
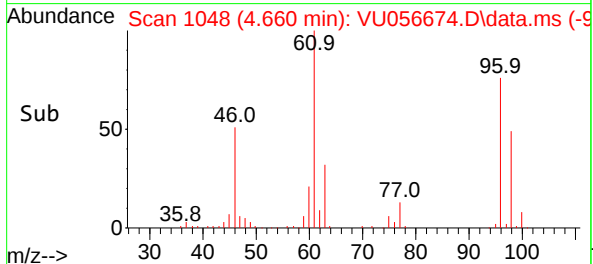
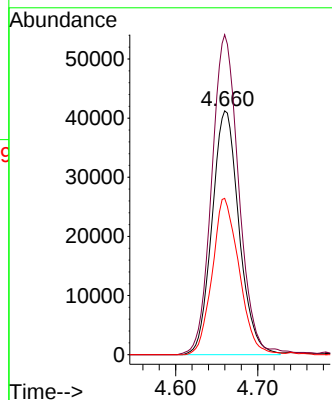
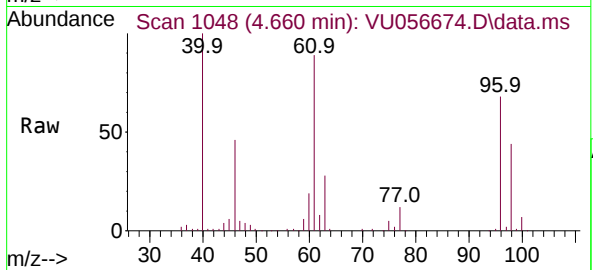




#22
 cis-1,2-Dichloroethene
 Concen: 5.434 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU056674.D
 Acq: 06 Dec 2023 19:22

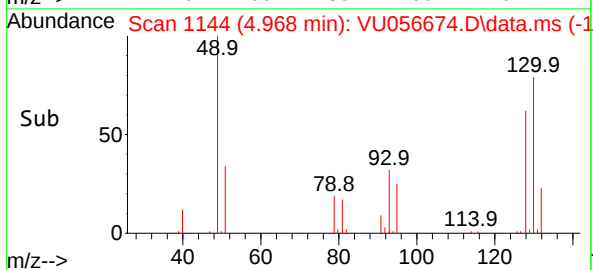
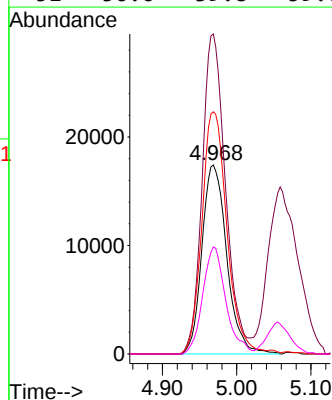
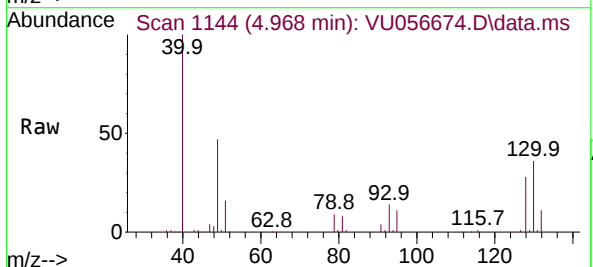
Instrument :
 MSVOA_U
 ClientSampleId :

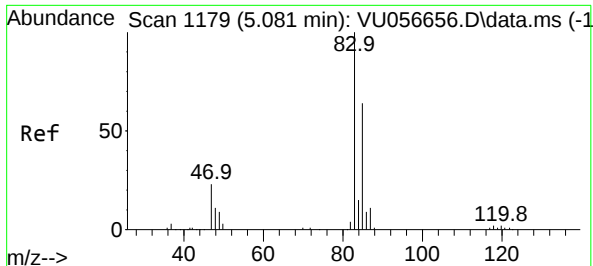
Tgt Ion: 96 Resp: 94579
 Ion Ratio Lower Upper
 96 100
 61 131.2 93.2 173.2
 98 64.1 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.650 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056674.D
 Acq: 06 Dec 2023 19:22

Tgt Ion: 128 Resp: 40476
 Ion Ratio Lower Upper
 128 100
 49 169.3 113.4 210.6
 130 128.1 84.8 157.6
 51 56.6 39.8 59.6





#25

Chloroform

Concen: 5.630 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

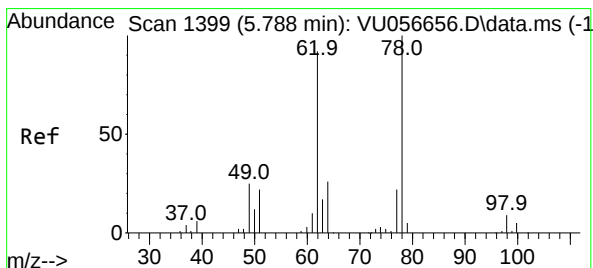
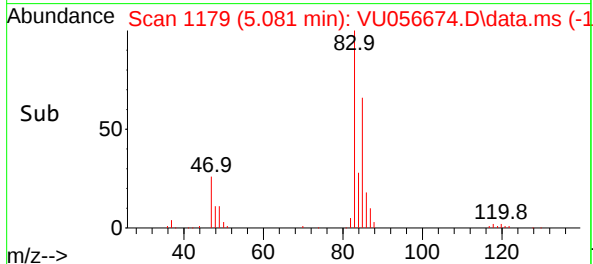
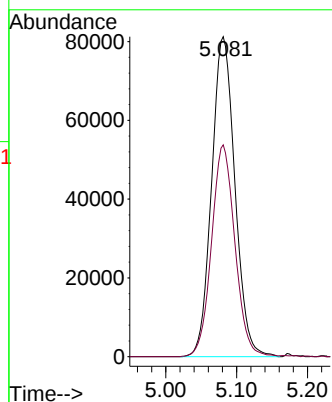
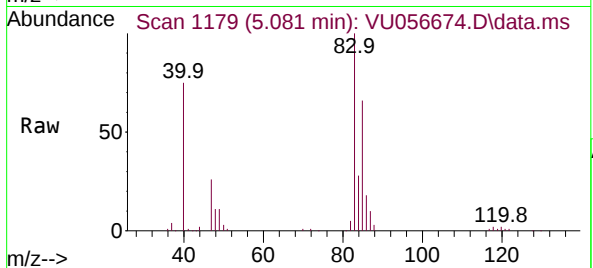
ClientSampleId :

Tgt Ion: 83 Resp: 185443

Ion Ratio Lower Upper

83 100

85 66.2 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.841 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056674.D

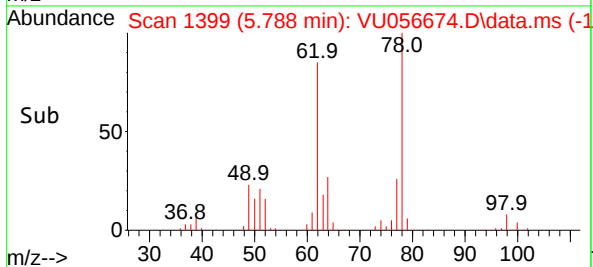
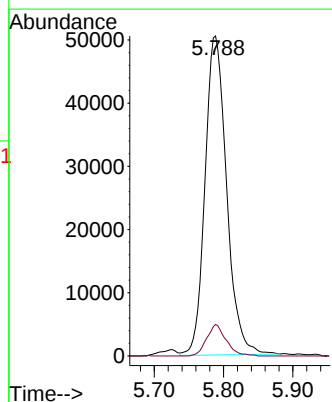
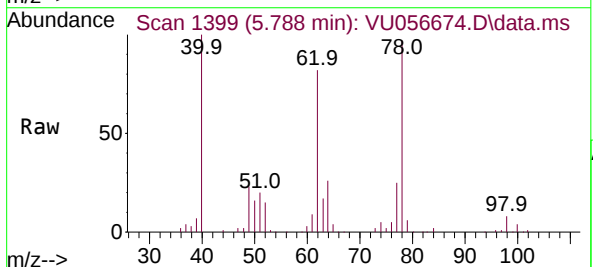
Acq: 06 Dec 2023 19:22

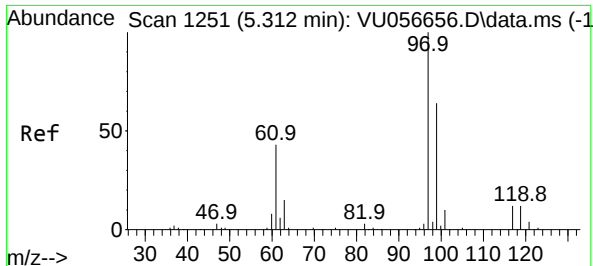
Tgt Ion: 62 Resp: 109225

Ion Ratio Lower Upper

62 100

98 9.9 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.579 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

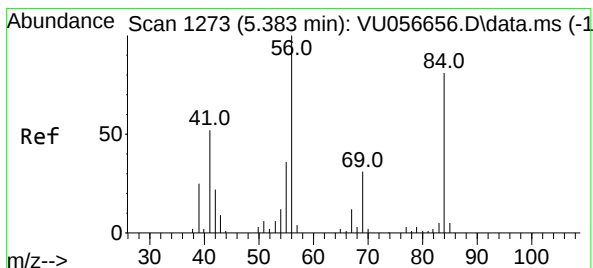
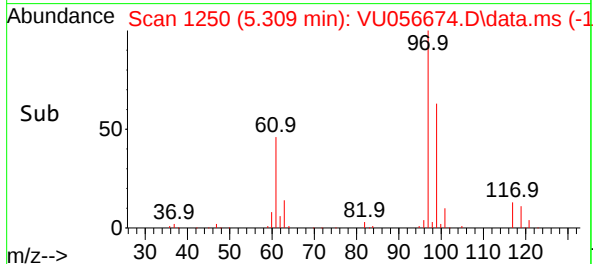
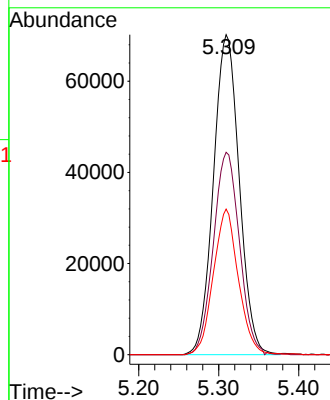
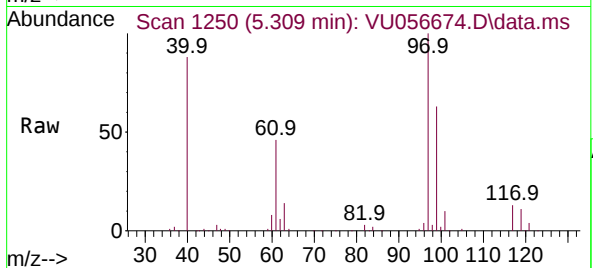
Tgt Ion: 97 Resp: 157524

Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 44.1 34.3 51.5



#30

Cyclohexane

Concen: 4.036 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

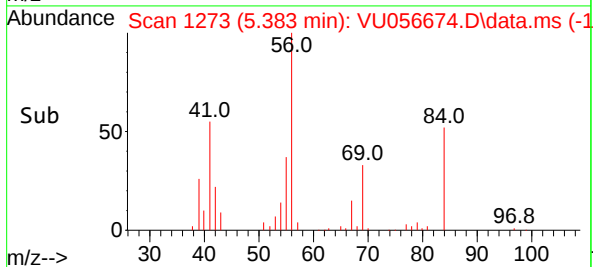
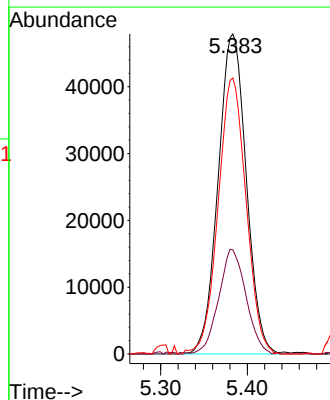
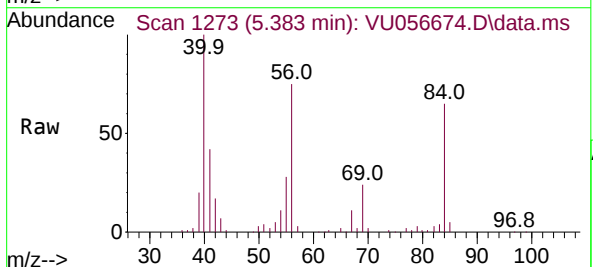
Tgt Ion: 56 Resp: 108164

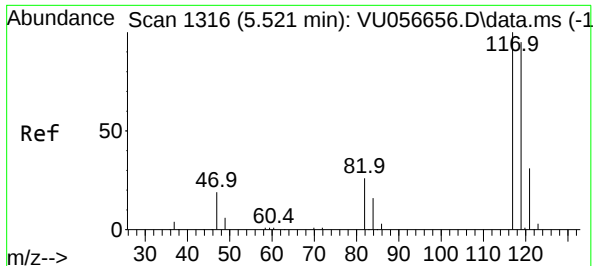
Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

84 85.7 68.6 103.0

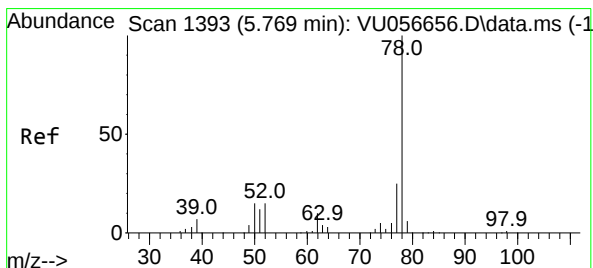
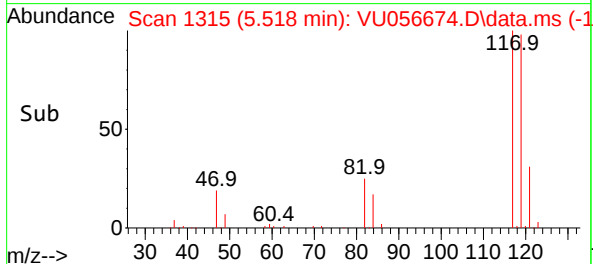
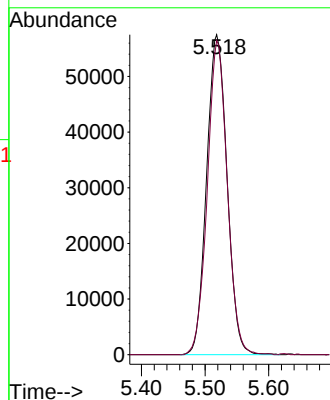
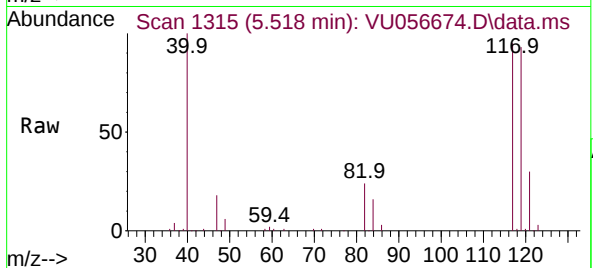




#31
Carbon tetrachloride
Concen: 5.297 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

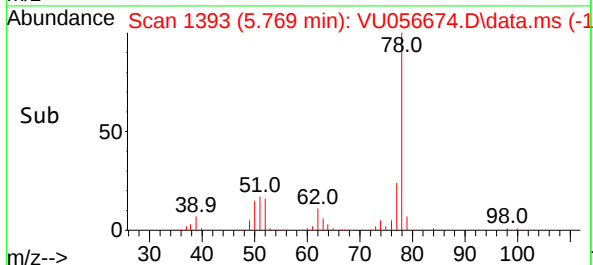
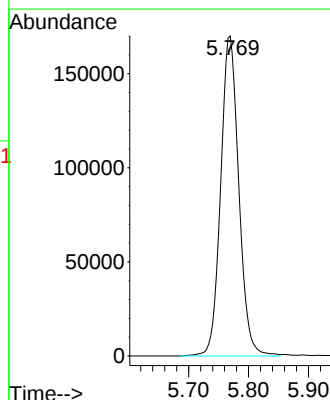
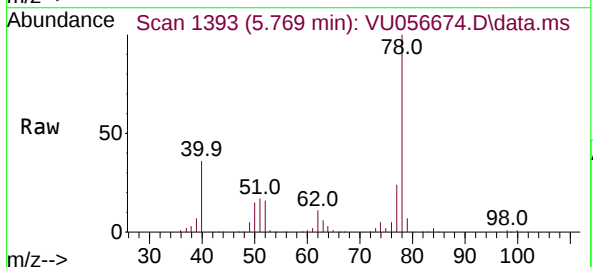
Instrument :
MSVOA_U
ClientSampleId :

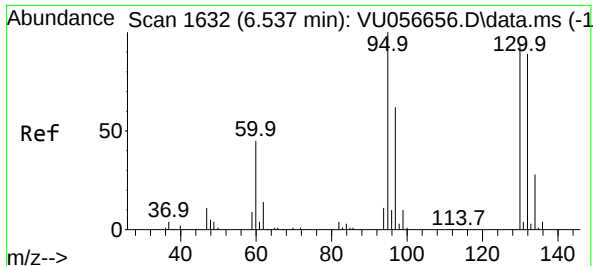
Tgt Ion:117 Resp: 128462
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1



#33
Benzene
Concen: 5.071 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Tgt Ion: 78 Resp: 355937

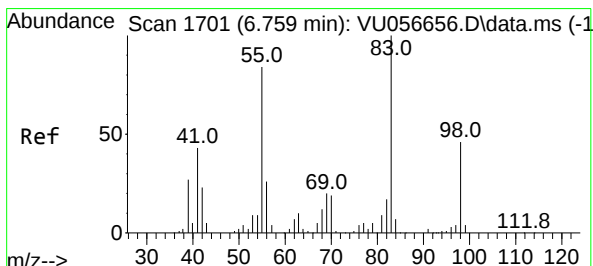
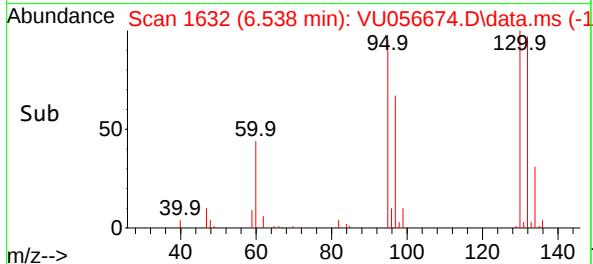
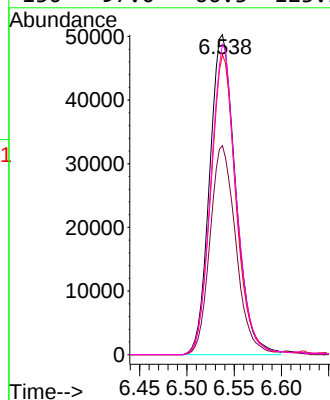
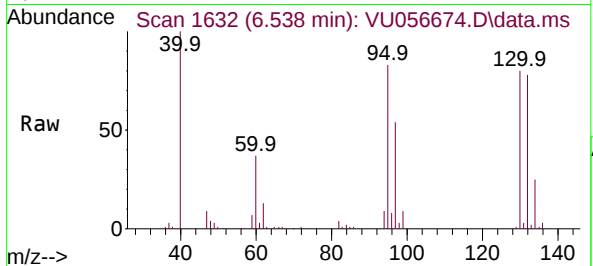




#34
Trichloroethene
Concen: 5.039 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

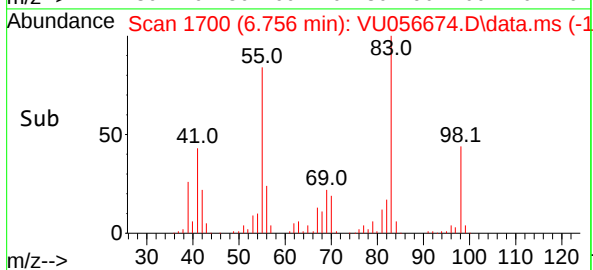
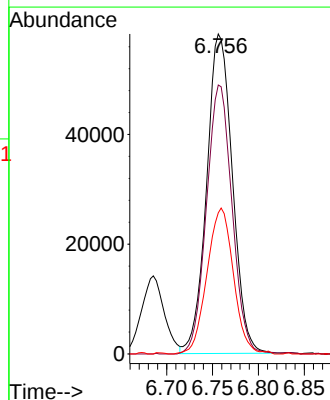
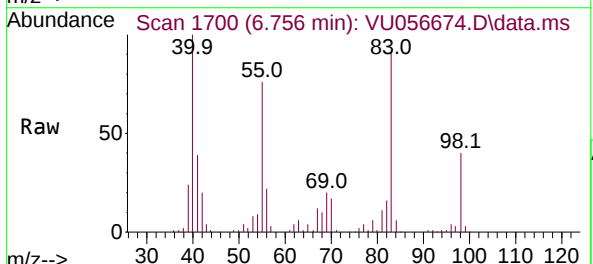
Instrument :
MSVOA_U
ClientSampleId :

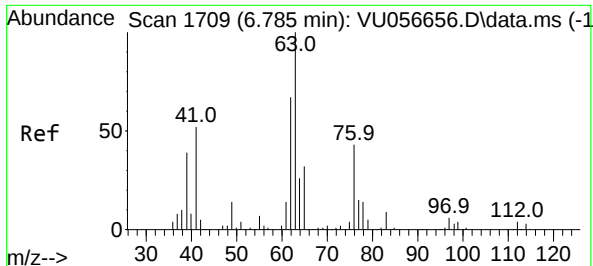
Tgt Ion: 95 Resp: 96369
Ion Ratio Lower Upper
95 100
97 65.3 46.5 86.3
132 93.7 62.0 115.2
130 97.0 66.3 123.1



#35
Methylcyclohexane
Concen: 4.132 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Tgt Ion: 83 Resp: 114069
Ion Ratio Lower Upper
83 100
55 83.6 62.9 94.3
98 46.7 35.3 52.9

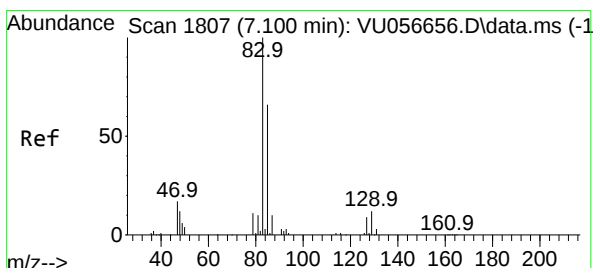
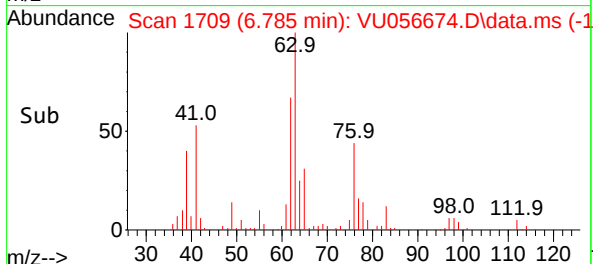
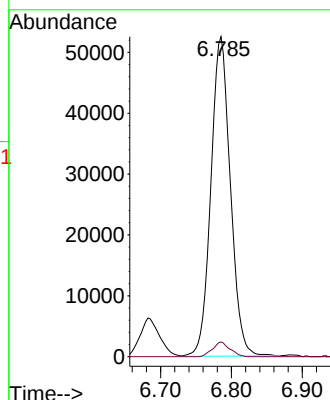
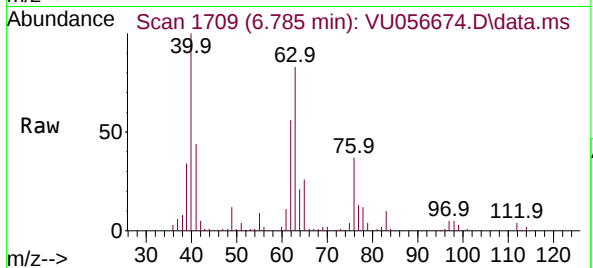




#37
1,2-Dichloropropane
Concen: 5.473 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

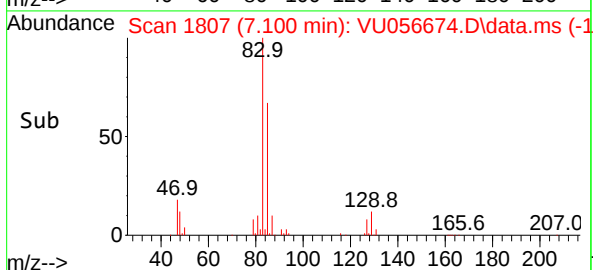
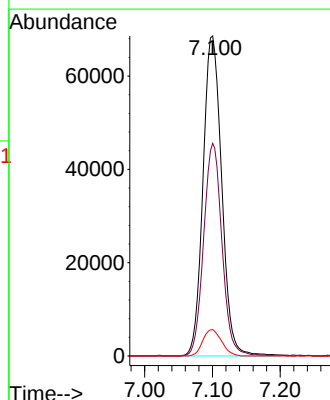
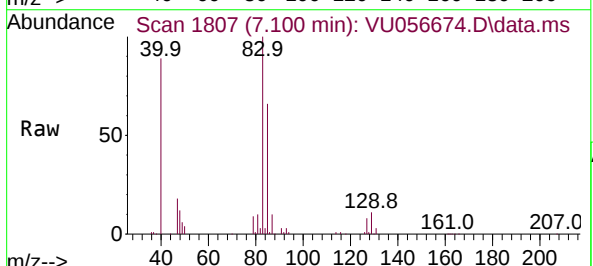
Instrument :
MSVOA_U
ClientSampleId :

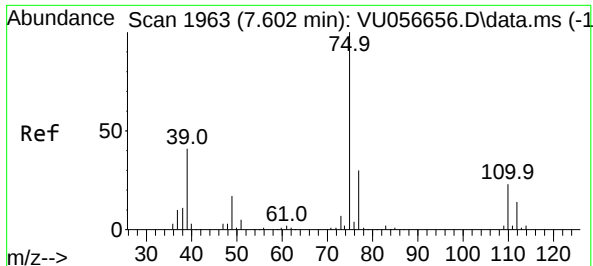
Tgt Ion: 63 Resp: 100166
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8



#38
Bromodichloromethane
Concen: 5.572 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Tgt Ion: 83 Resp: 131669
Ion Ratio Lower Upper
83 100
85 66.5 44.9 83.5
127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.153 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

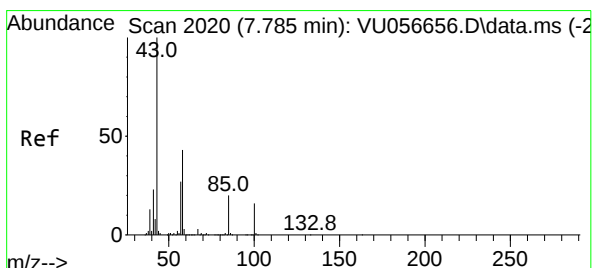
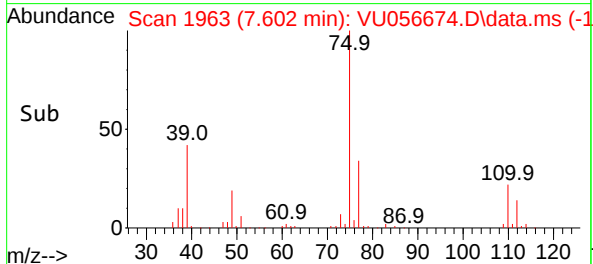
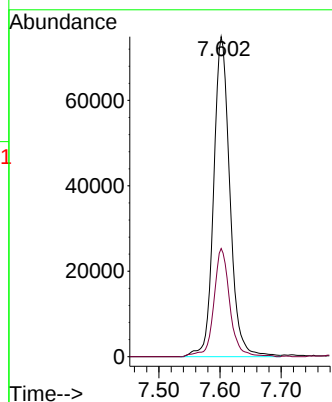
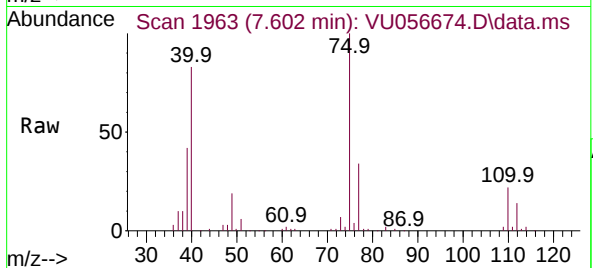
ClientSampleId :

Tgt Ion: 75 Resp: 138594

Ion Ratio Lower Upper

75 100

77 33.8 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 57.123 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

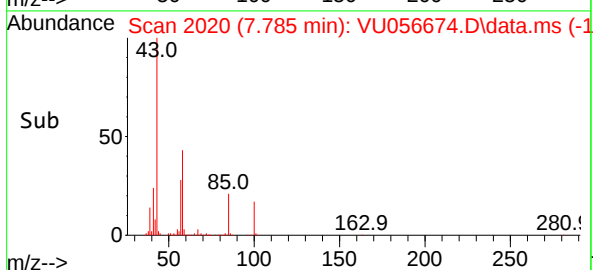
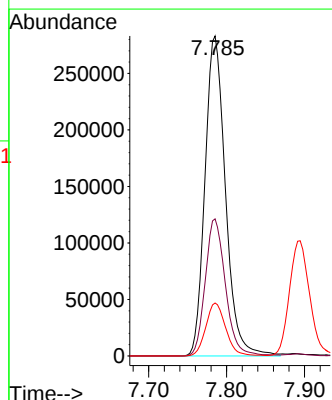
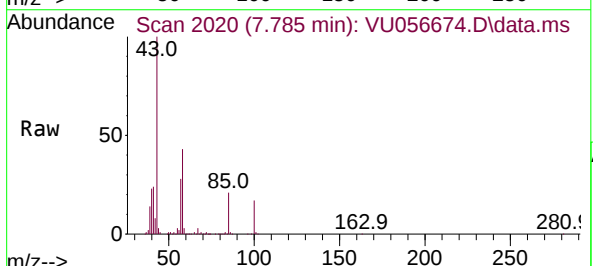
Tgt Ion: 43 Resp: 518271

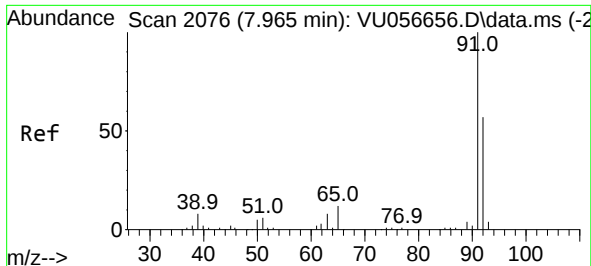
Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.8

100 16.1 13.0 19.4

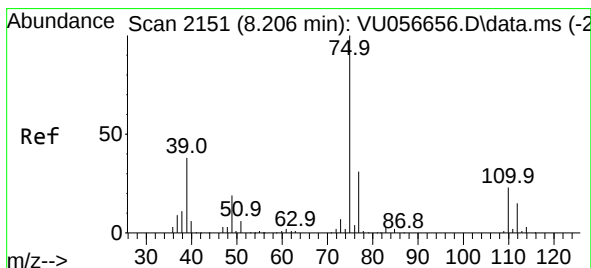
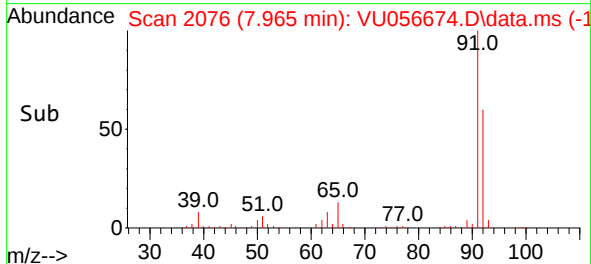
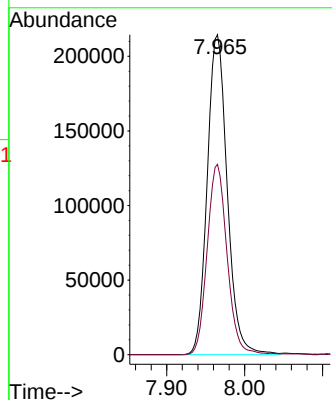
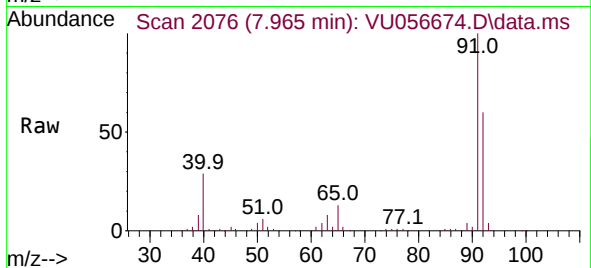




#42
Toluene
Concen: 5.271 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

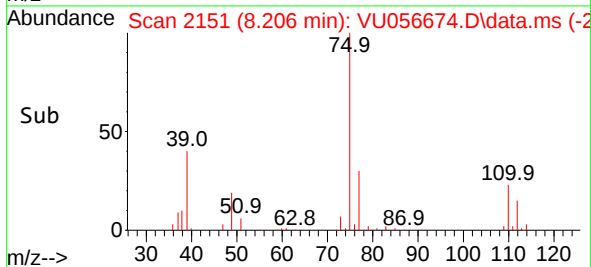
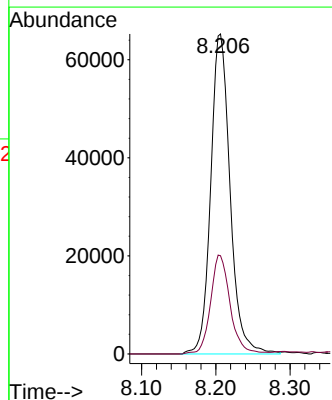
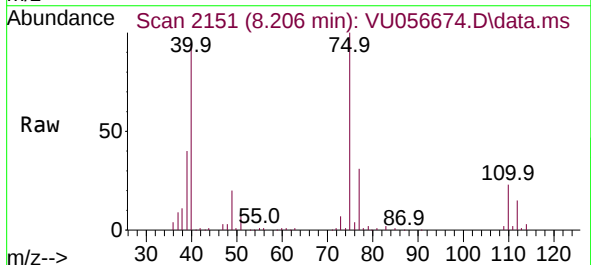
Instrument :
MSVOA_U
ClientSampleId :

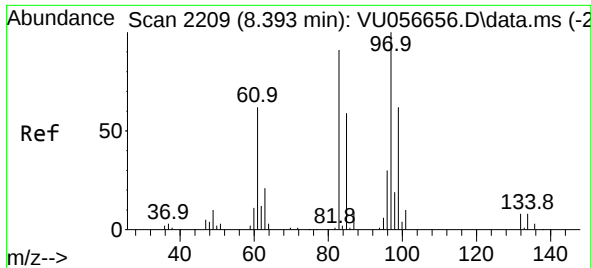
Tgt Ion: 91 Resp: 382978
Ion Ratio Lower Upper
91 100
92 59.5 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.516 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Tgt Ion: 75 Resp: 118266
Ion Ratio Lower Upper
75 100
77 30.7 22.8 42.4

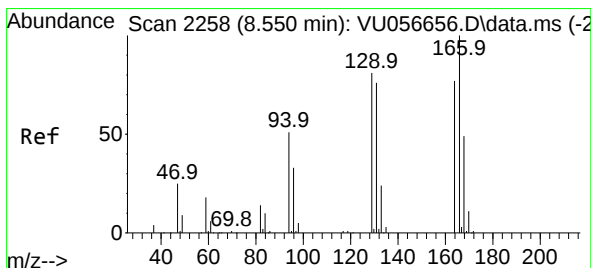
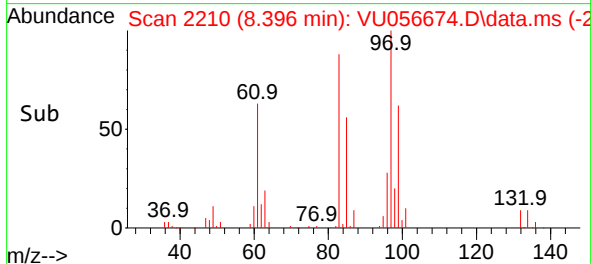
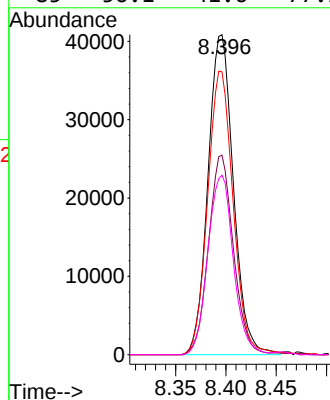
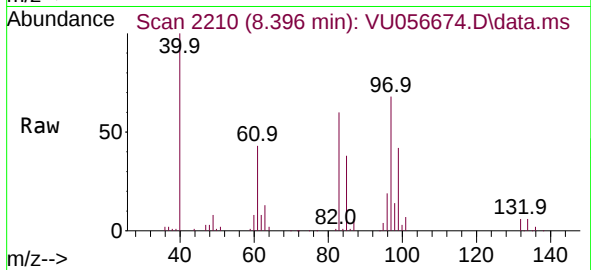




#45
1,1,2-Trichloroethane
Concen: 5.899 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

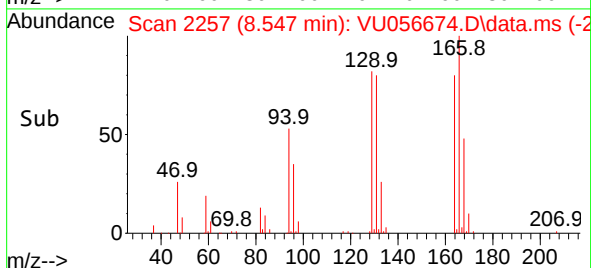
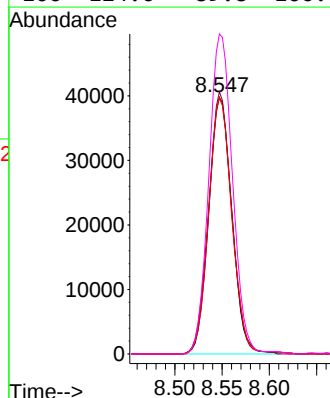
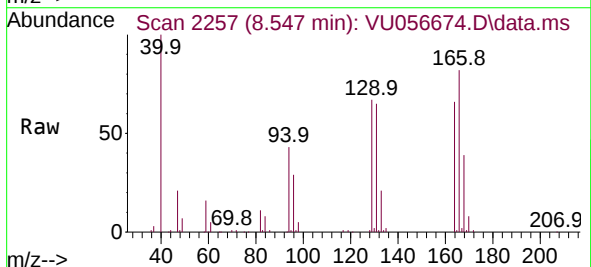
Instrument :
MSVOA_U
ClientSampleId :

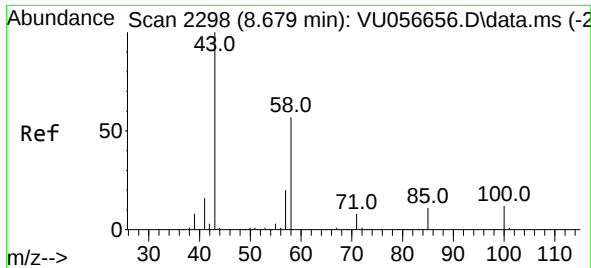
Tgt Ion:	97	Resp:	71906
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.3	82.3
83	88.4	65.4	121.4
85	56.1	41.6	77.3



#47
Tetrachloroethene
Concen: 5.248 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

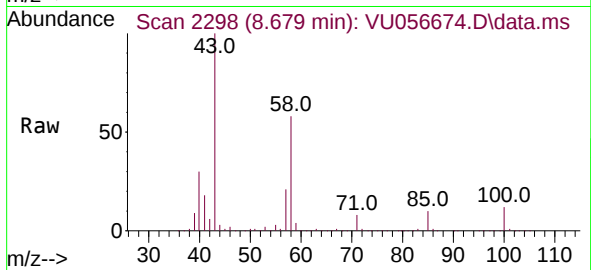
Tgt Ion:	164	Resp:	67674
Ion	Ratio	Lower	Upper
164	100		
129	102.2	71.0	131.9
131	99.7	70.3	130.7
166	124.6	89.8	166.8



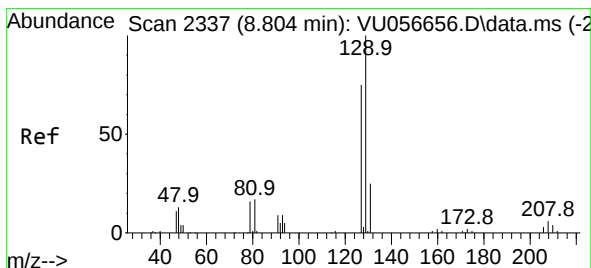
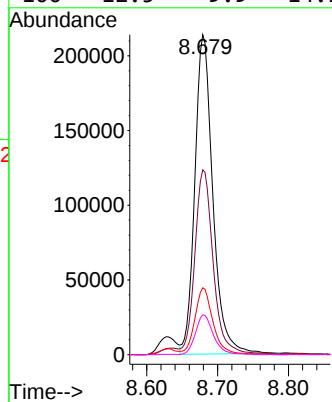
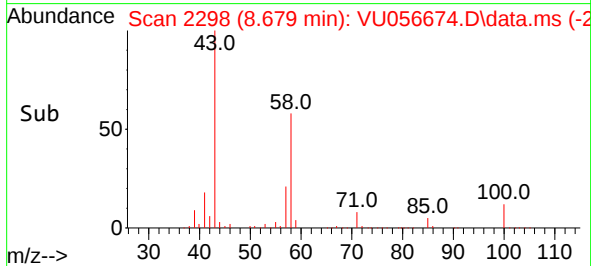


#48
2-Hexanone
Concen: 53.489 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Instrument :
MSVOA_U
ClientSampleId :

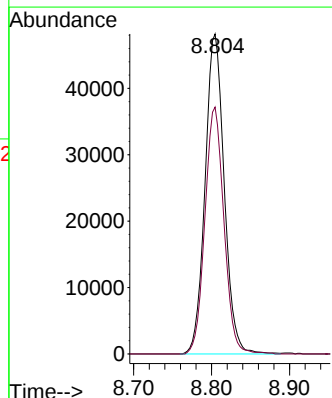
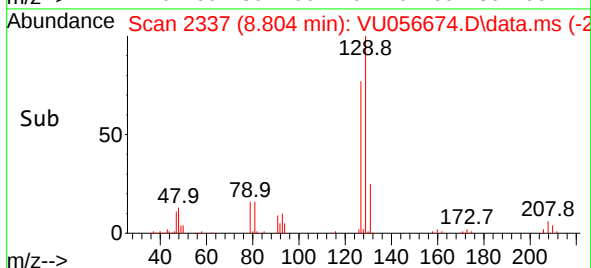
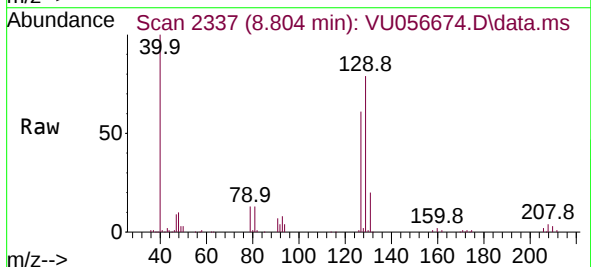


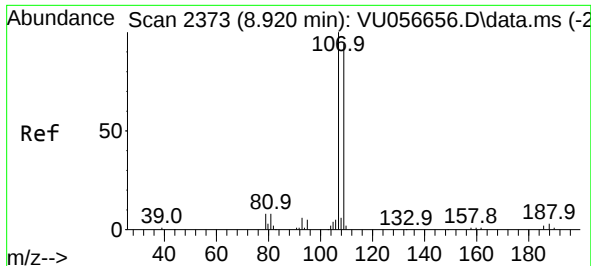
Tgt Ion:	43	Resp:	378074
Ion	Ratio	Lower	Upper
43	100		
58	58.8	48.7	73.1
57	20.7	16.8	25.2
100	12.5	9.9	14.9



#49
Dibromochloromethane
Concen: 5.935 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Tgt Ion:	129	Resp:	82276
Ion	Ratio	Lower	Upper
129	100		
127	77.1	52.9	98.3





#50

1,2-Dibromoethane

Concen: 5.393 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

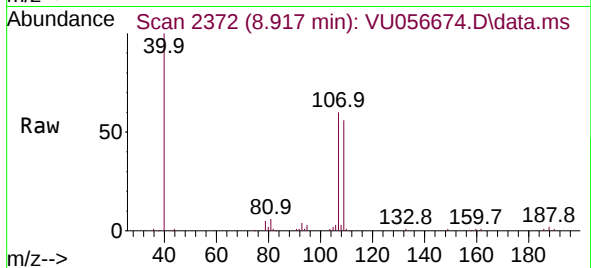
Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :



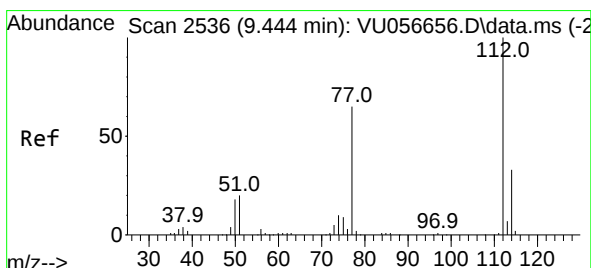
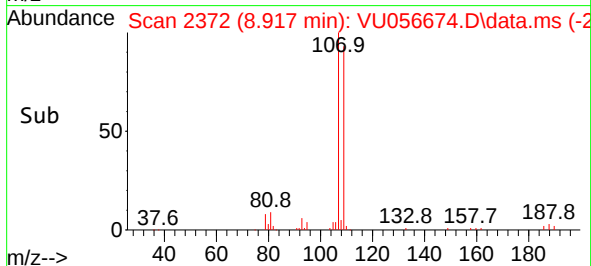
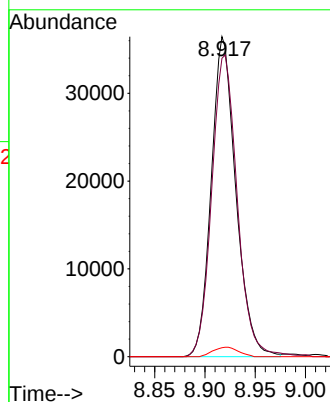
Tgt Ion:107 Resp: 62058

Ion Ratio Lower Upper

107 100

109 93.2 64.2 119.2

188 2.8 2.6 4.0



#51

Chlorobenzene

Concen: 5.449 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.003 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

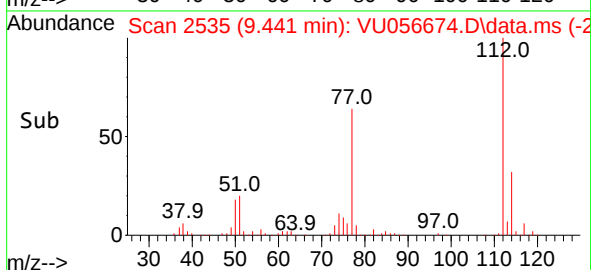
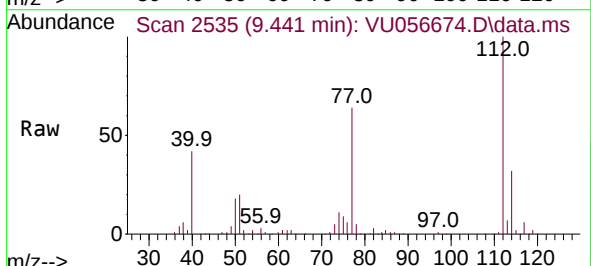
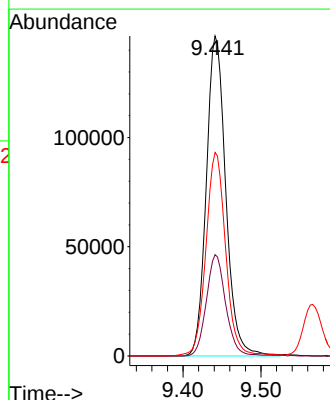
Tgt Ion:112 Resp: 254395

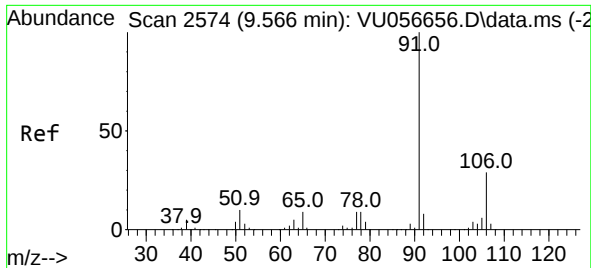
Ion Ratio Lower Upper

112 100

114 31.6 22.5 41.7

77 63.6 51.7 77.5

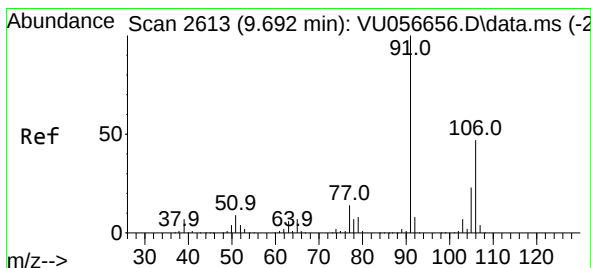
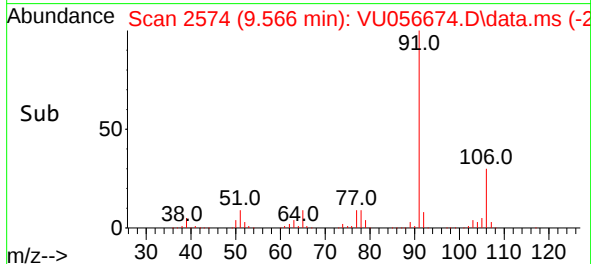
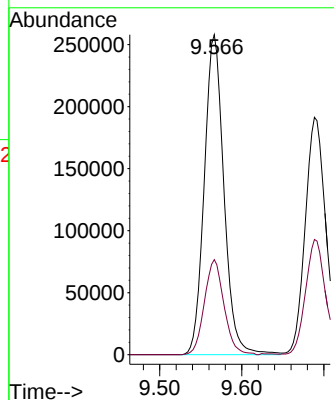
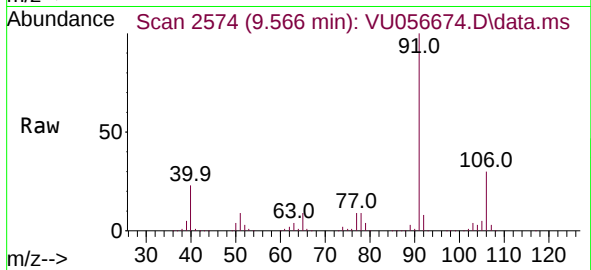




#52
Ethylbenzene
Concen: 5.331 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

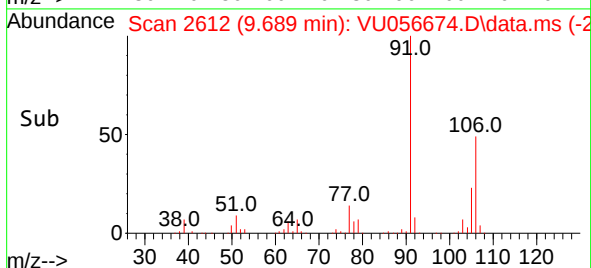
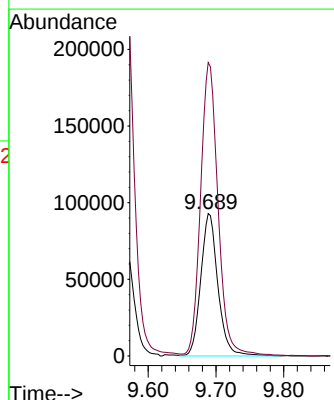
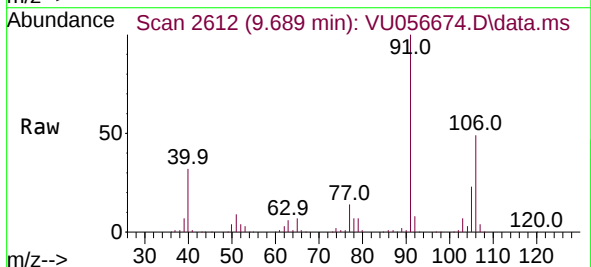
Instrument :
MSVOA_U
ClientSampleId :

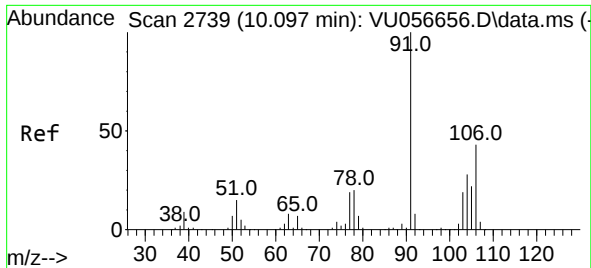
Tgt Ion: 91 Resp: 430155
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.1



#53
m,p-Xylene
Concen: 5.489 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Tgt Ion: 106 Resp: 162812
Ion Ratio Lower Upper
106 100
91 206.0 149.6 277.8

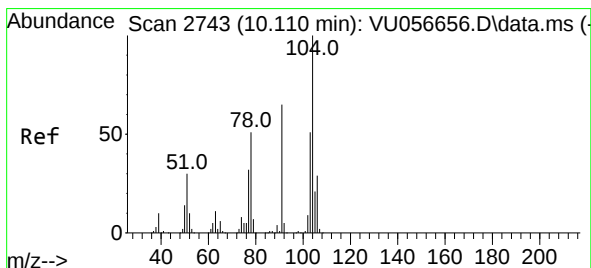
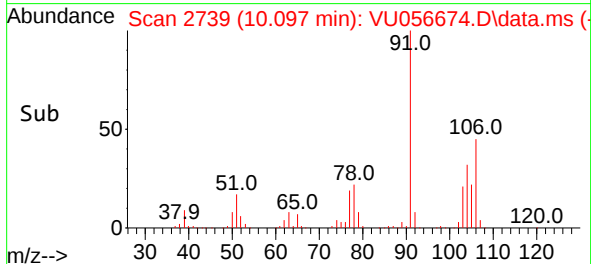
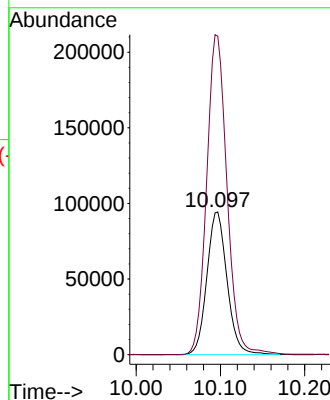
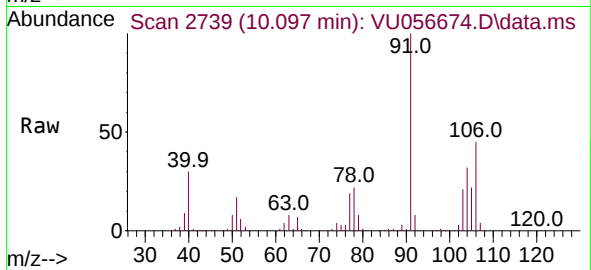




#54
o-Xylene
Concen: 5.461 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

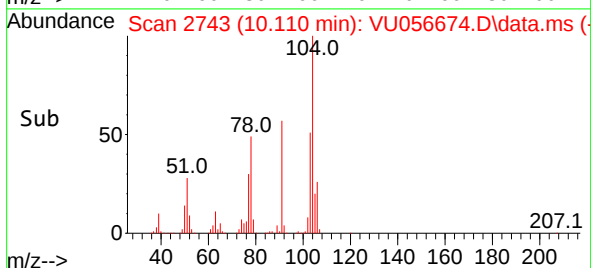
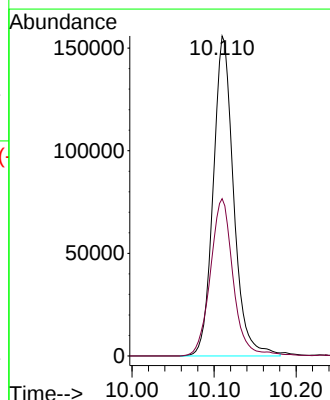
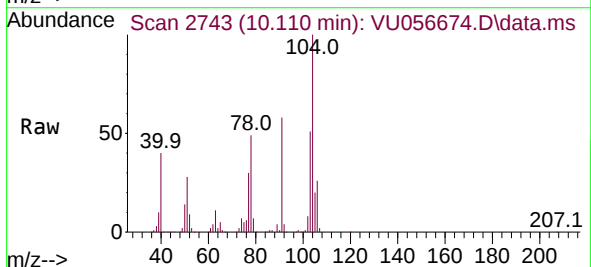
Instrument :
MSVOA_U
ClientSampleId :

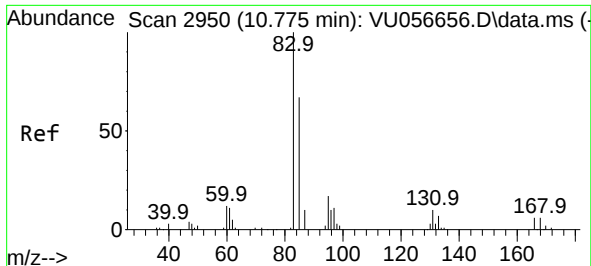
Tgt Ion:106 Resp: 157363
Ion Ratio Lower Upper
106 100
91 223.2 159.3 295.9



#55
Styrene
Concen: 5.638 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Tgt Ion:104 Resp: 270236
Ion Ratio Lower Upper
104 100
78 49.1 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.931 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

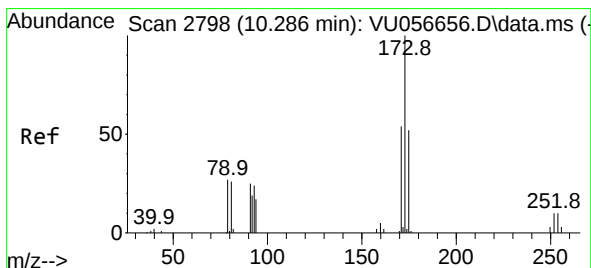
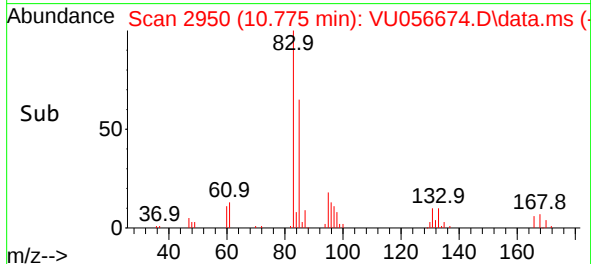
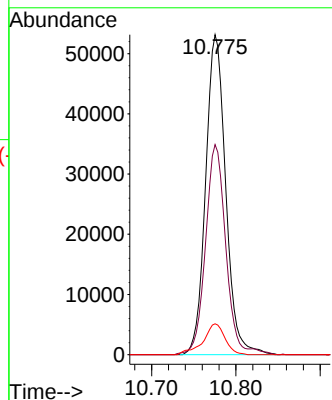
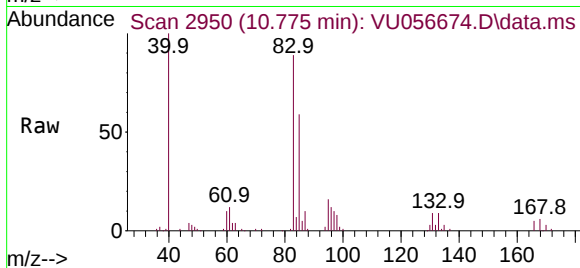
Tgt Ion: 83 Resp: 88274

Ion Ratio Lower Upper

83 100

85 65.6 46.3 86.1

131 9.7 6.7 10.1



#59

Bromoform

Concen: 6.005 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

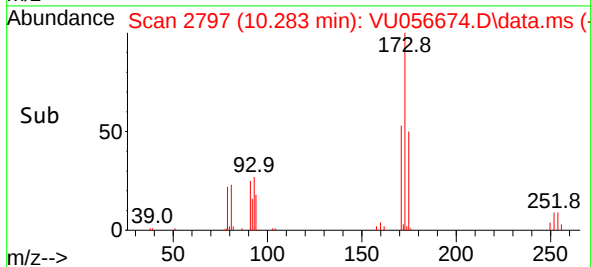
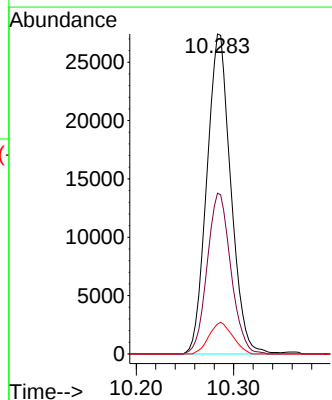
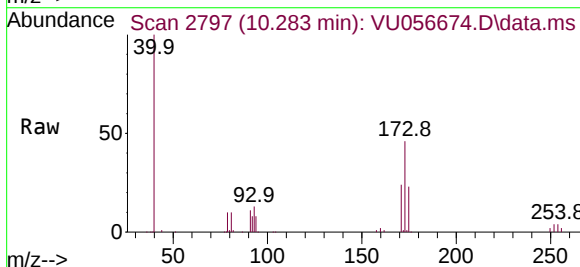
Tgt Ion:173 Resp: 46797

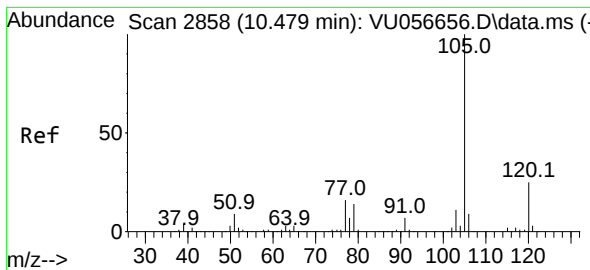
Ion Ratio Lower Upper

173 100

175 49.6 38.9 58.3

254 9.7 6.7 10.1





#60

Isopropylbenzene

Concen: 5.345 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

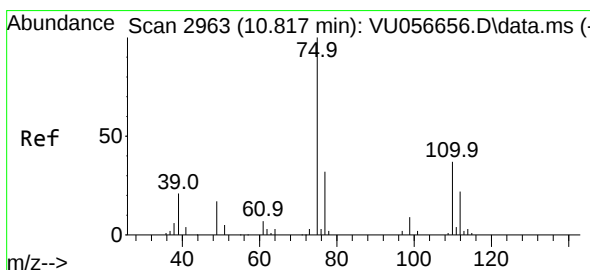
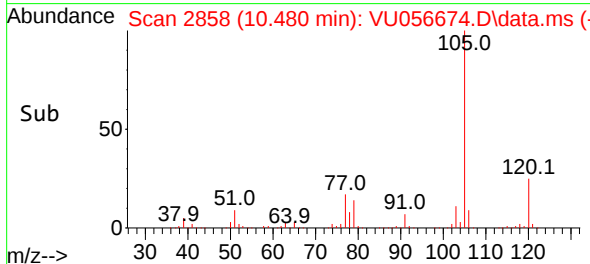
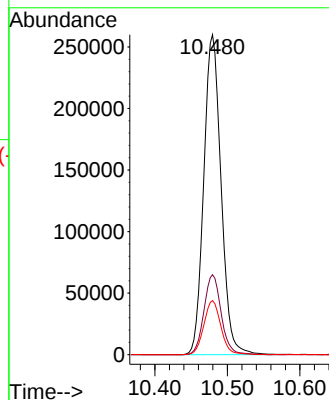
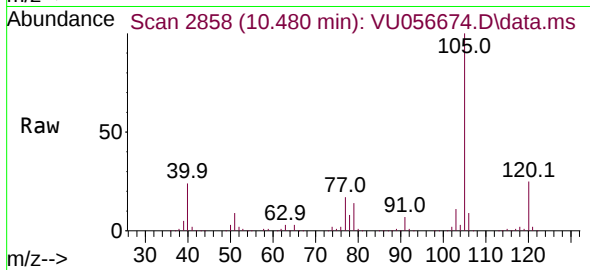
Tgt Ion:105 Resp: 431252

Ion Ratio Lower Upper

105 100

120 24.9 20.4 30.6

77 16.6 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.718 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

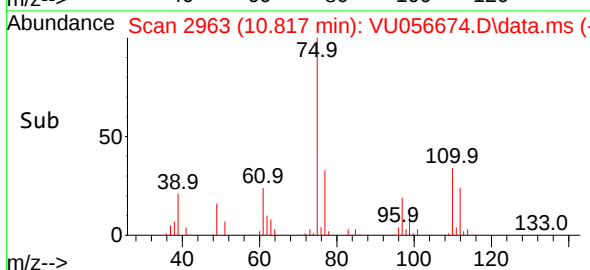
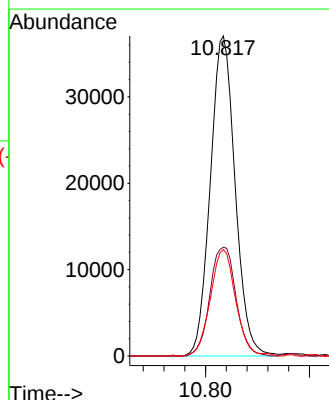
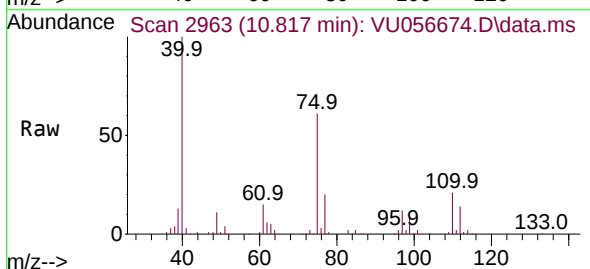
Tgt Ion: 75 Resp: 61381

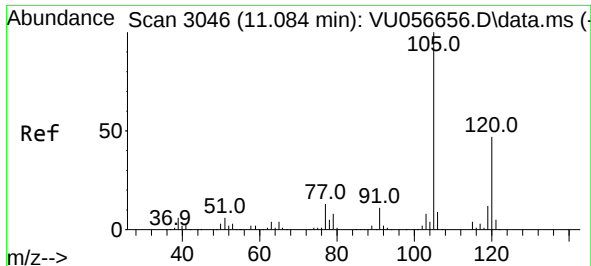
Ion Ratio Lower Upper

75 100

110 35.7 30.4 45.6

77 34.0 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.196 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

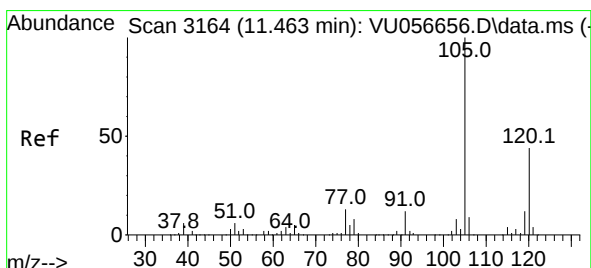
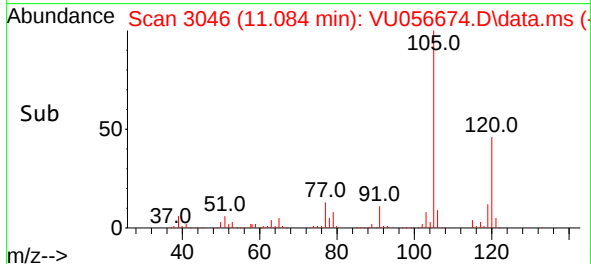
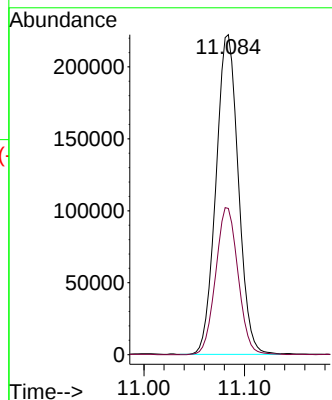
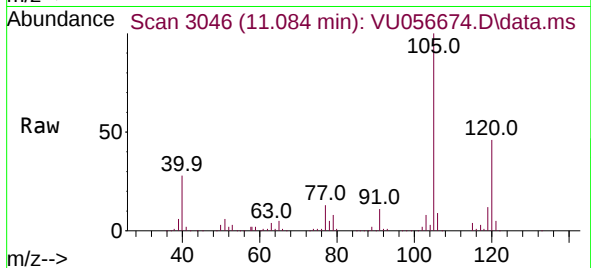
ClientSampleId :

Tgt Ion:105 Resp: 344222

Ion Ratio Lower Upper

105 100

120 46.1 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.283 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056674.D

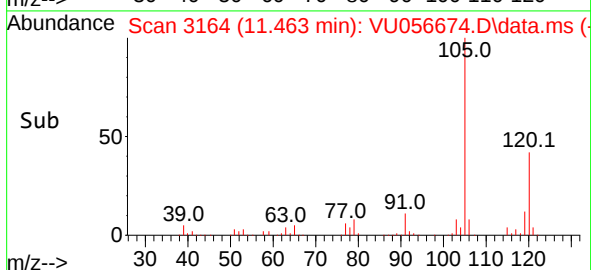
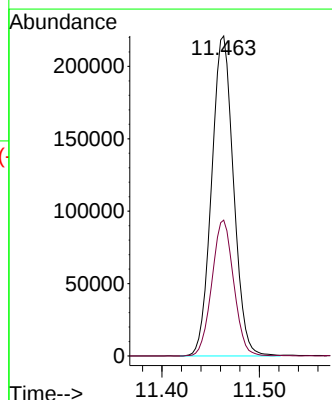
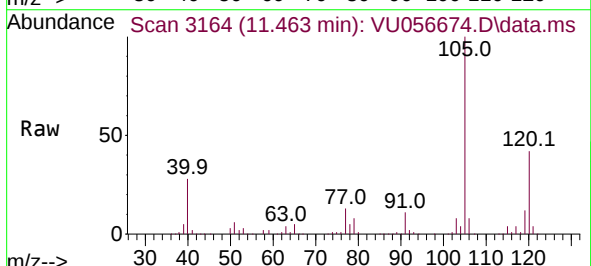
Acq: 06 Dec 2023 19:22

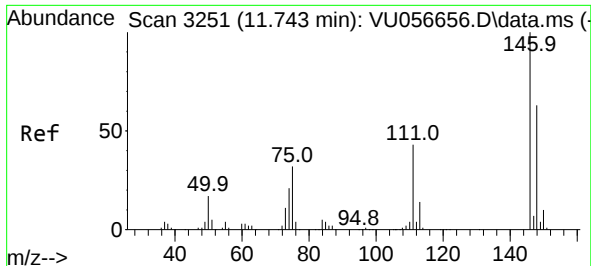
Tgt Ion:105 Resp: 345451

Ion Ratio Lower Upper

105 100

120 42.2 34.0 51.0

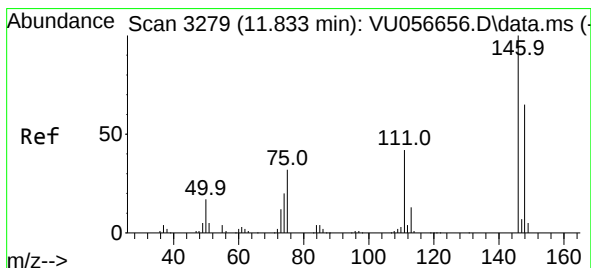
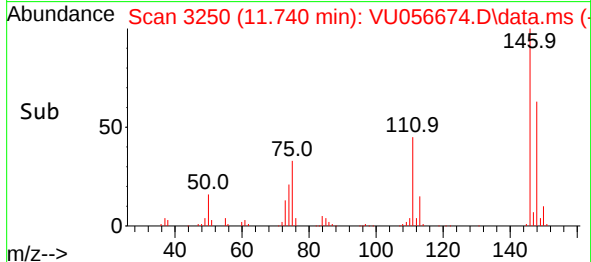
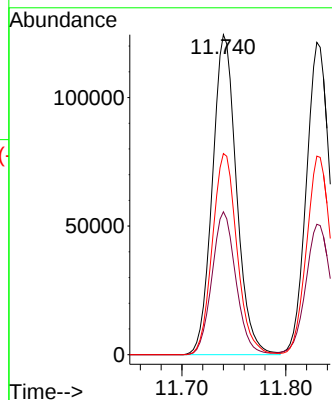
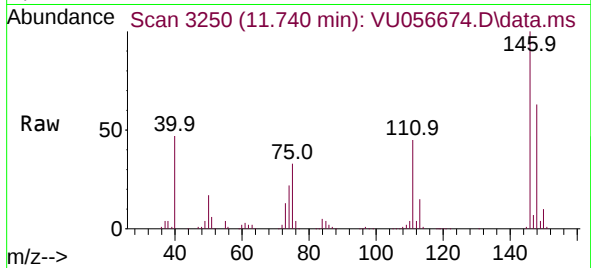




#64
1,3-Dichlorobenzene
Concen: 5.471 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

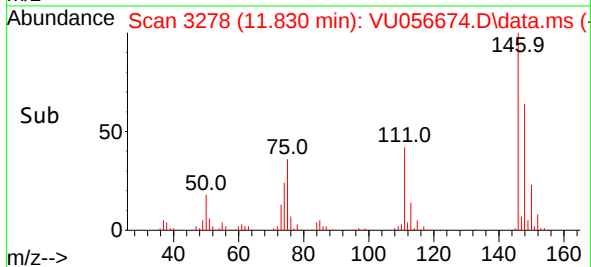
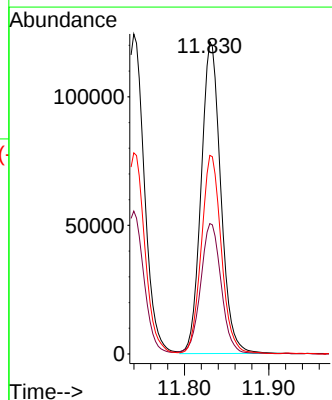
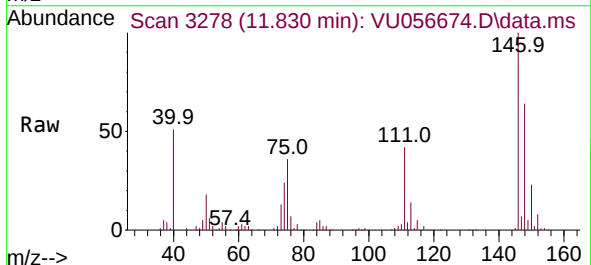
Instrument :
MSVOA_U
ClientSampleId :

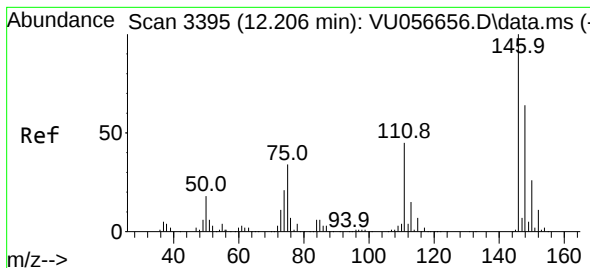
Tgt Ion:146 Resp: 200797
Ion Ratio Lower Upper
146 100
111 44.6 31.1 57.7
148 62.9 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.359 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056674.D
Acq: 06 Dec 2023 19:22

Tgt Ion:146 Resp: 197264
Ion Ratio Lower Upper
146 100
111 41.8 30.5 56.7
148 63.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.518 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

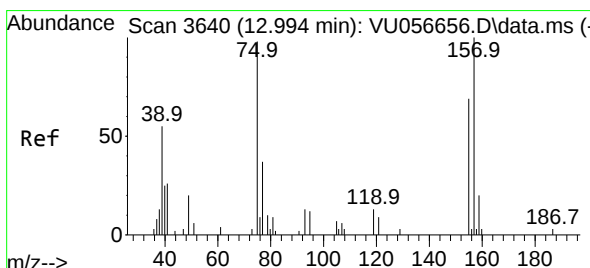
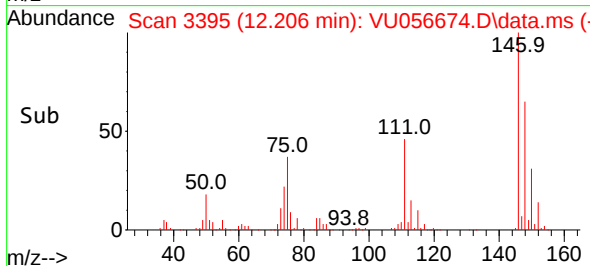
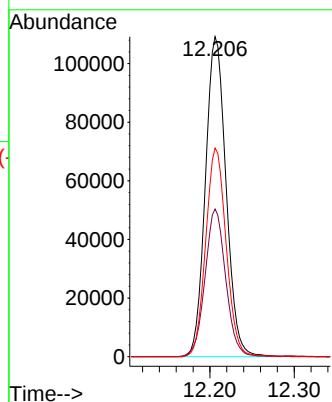
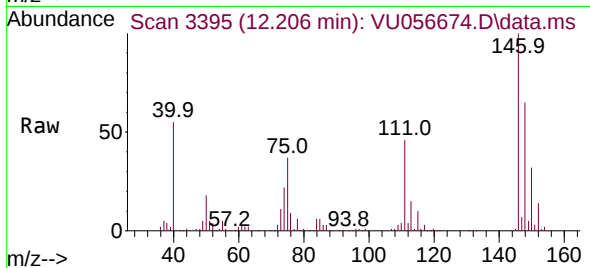
Tgt Ion:146 Resp: 185804

Ion Ratio Lower Upper

146 100

111 46.2 38.3 57.5

148 65.2 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.339 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.006 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

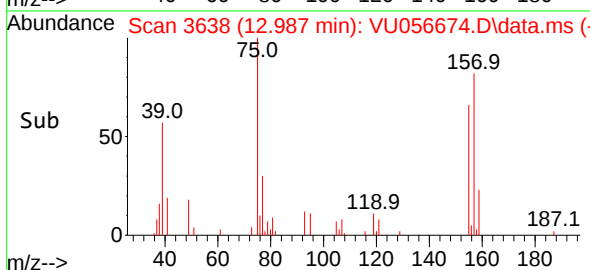
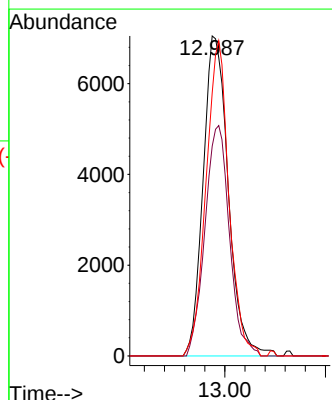
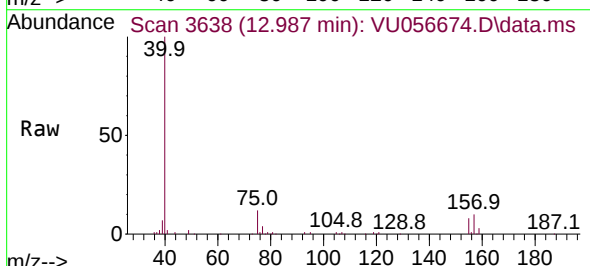
Tgt Ion: 75 Resp: 12242

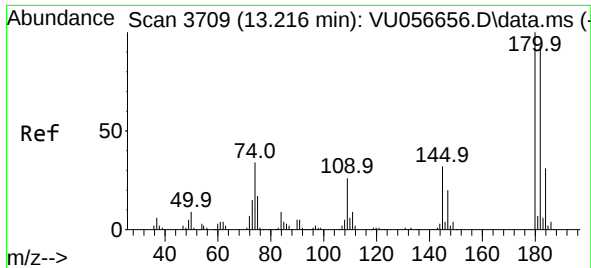
Ion Ratio Lower Upper

75 100

155 65.6 62.4 93.6

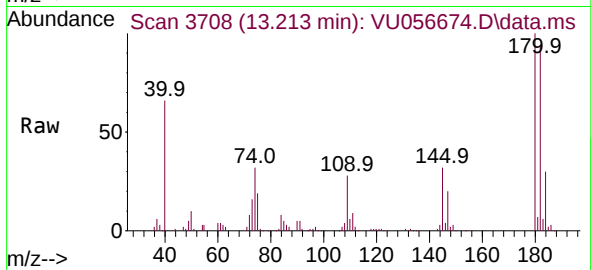
157 82.2 80.2 120.2



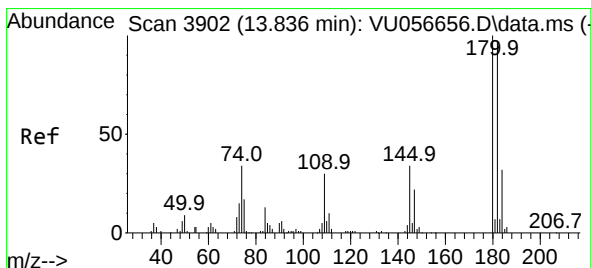
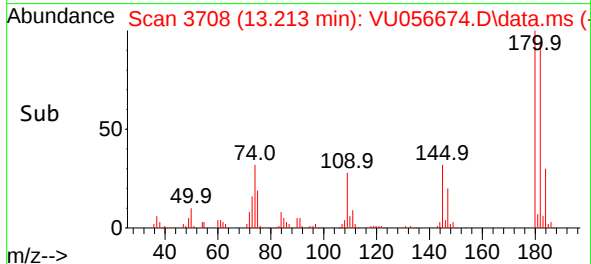
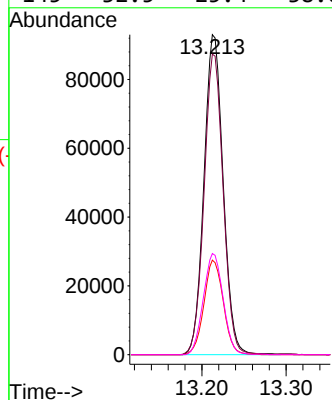


#69
 1,3,5-Trichlorobenzene
 Concen: 5.346 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056674.D
 Acq: 06 Dec 2023 19:22

Instrument :
 MSVOA_U
 ClientSampleId :

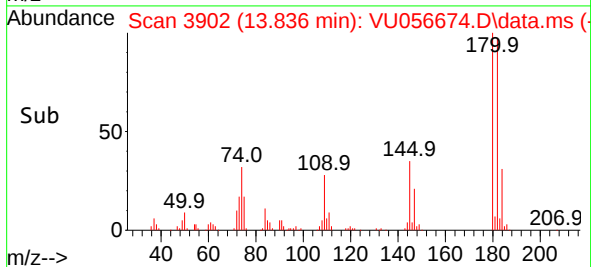
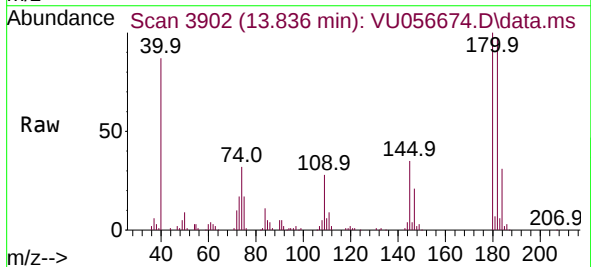
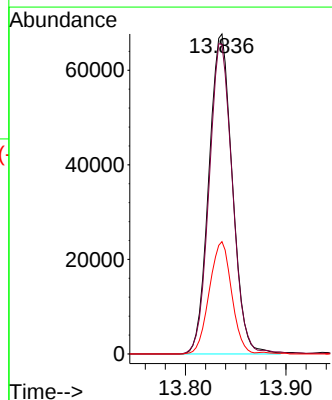


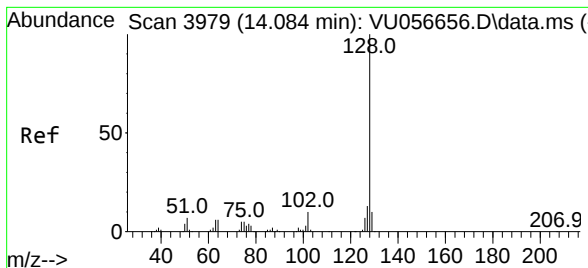
Tgt Ion:180 Resp: 147724
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.1 112.7
 184 29.8 23.5 35.3
 145 32.5 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.876 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056674.D
 Acq: 06 Dec 2023 19:22

Tgt Ion:180 Resp: 109733
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.4 113.2
 145 33.3 26.8 40.2





#71

Naphthalene

Concen: 4.320 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

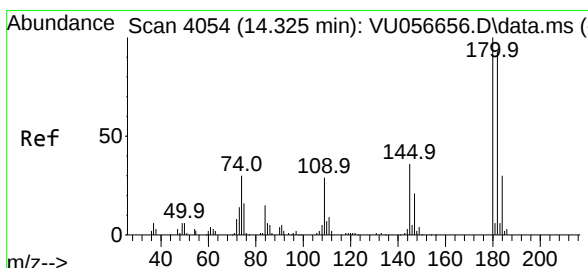
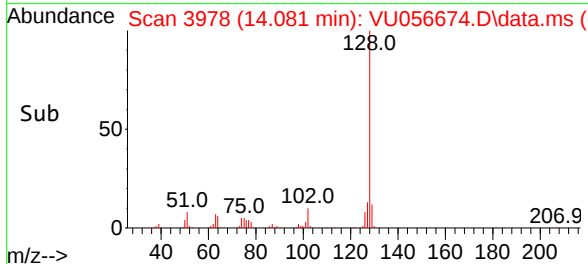
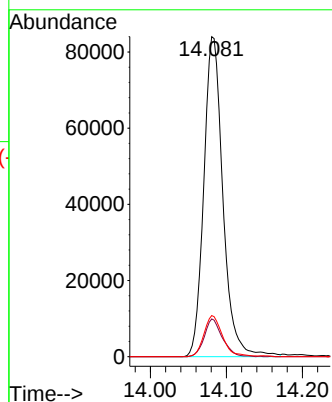
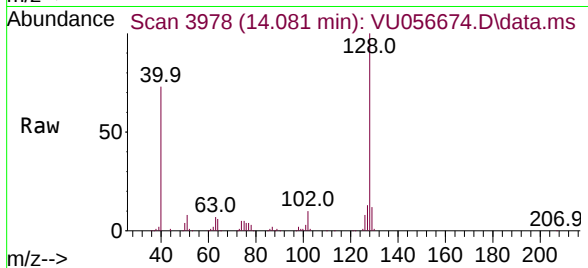
Tgt Ion:128 Resp: 146885

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 12.5 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.883 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU056674.D

Acq: 06 Dec 2023 19:22

Tgt Ion:180 Resp: 90526

Ion Ratio Lower Upper

180 100

182 95.5 78.6 117.8

145 35.9 29.0 43.6

