

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058258.D
 Acq On : 28 Mar 2024 22:57
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:16:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	70204	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23503	3.822	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.907	69	22610	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	9784	3.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.624	46	59602	54.551	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.100%
24) Chloroform-d	5.052	84	51580	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	24375	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.721	84	96813	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	30791	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	84645	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	9210	4.277	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.627	63	45283	51.928	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21954	5.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	27757	4.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	11799	3.936	ug/L	100
3) Chloromethane	1.515	50	14197	3.716	ug/L	98
5) Vinyl chloride	1.599	62	17403	4.171	ug/L	99
6) Bromomethane	1.853	94	8013	3.581	ug/L	99
8) Chloroethane	1.930	64	13162	4.784	ug/L	100
9) Trichlorofluoromethane	2.132	101	30443	4.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	18856	4.333	ug/L	97
12) 1,1-Dichloroethene	2.576	96	15644	4.288	ug/L	87
13) Acetone	2.644	43	30534	43.181	ug/L	98
14) Carbon disulfide	2.788	76	29894	3.667	ug/L	99
15) Methyl Acetate	2.955	43	7297	4.971	ug/L	96
16) Methylene chloride	3.036	84	21351	4.130	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	45232	4.620	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	16368	4.293	ug/L	99
19) 1,1-Dichloroethane	3.859	63	39412	4.600	ug/L	97
21) 2-Butanone	4.705	43	46760	43.526	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	21263	4.513	ug/L	92
23) Bromochloromethane	4.968	128	8711	4.955	ug/L	98
25) Chloroform	5.078	83	42118	4.688	ug/L	97

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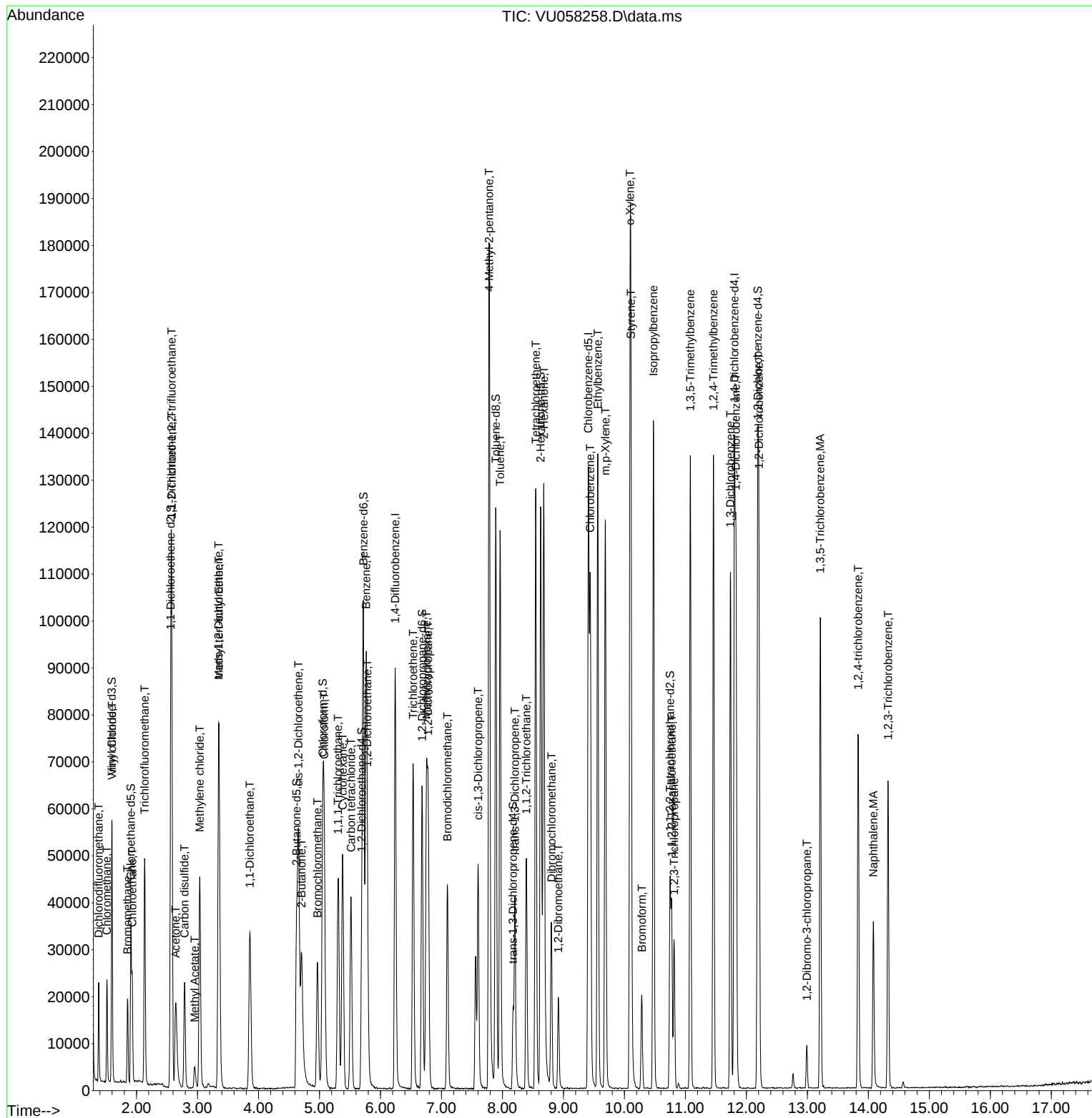
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	23710	4.648	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	32637	4.496	ug/L	98
30) Cyclohexane	5.380	56	24057	3.794	ug/L	98
31) Carbon tetrachloride	5.518	117	27458	4.444	ug/L	96
33) Benzene	5.766	78	80956	4.390	ug/L	100
34) Trichloroethene	6.537	95	24513	5.103	ug/L	97
35) Methylcyclohexane	6.756	83	25107	3.748	ug/L	97
37) 1,2-Dichloropropane	6.782	63	23544	4.571	ug/L	99
38) Bromodichloromethane	7.097	83	28907	4.896	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	29098	4.454	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	120106	46.114	ug/L	99
42) Toluene	7.962	91	86907	4.461	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	23527	4.577	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	15264	4.705	ug/L	97
47) Tetrachloroethene	8.547	164	26574	8.259	ug/L	99
48) 2-Hexanone	8.679	43	85601	45.131	ug/L	97
49) Dibromochloromethane	8.804	129	17640	4.969	ug/L	98
50) 1,2-Dibromoethane	8.917	107	13014	4.660	ug/L	98
51) Chlorobenzene	9.441	112	57681	4.595	ug/L	99
52) Ethylbenzene	9.563	91	95275	4.380	ug/L	98
53) m,p-Xylene	9.688	106	34736	4.481	ug/L	95
54) o-Xylene	10.093	106	35293	4.511	ug/L	96
55) Styrene	10.110	104	57898	4.686	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	18455	4.826	ug/L	99
59) Bromoform	10.286	173	9044	5.070	ug/L	96
60) Isopropylbenzene	10.476	105	89357	4.379	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	12985	4.565	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	72963	4.260	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	74107	4.357	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	43302	4.556	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	42347	4.610	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	41344	4.704	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.990	75	2300	5.362	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	29742	4.476	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	23083	4.657	ug/L	99
71) Naphthalene	14.084	128	29582	4.382	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	19753	4.867	ug/L	99

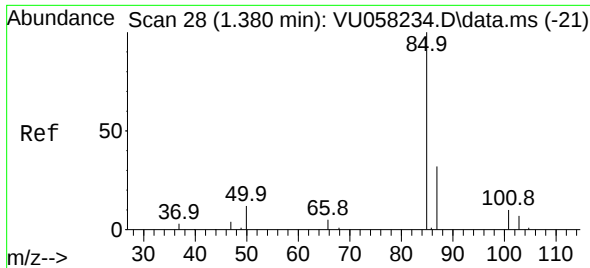
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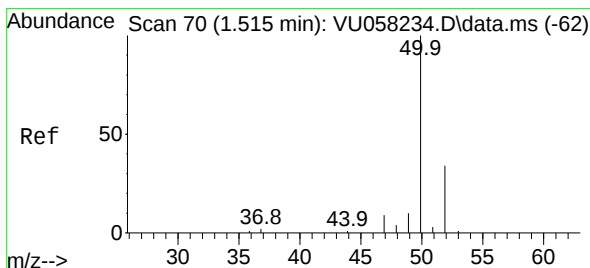
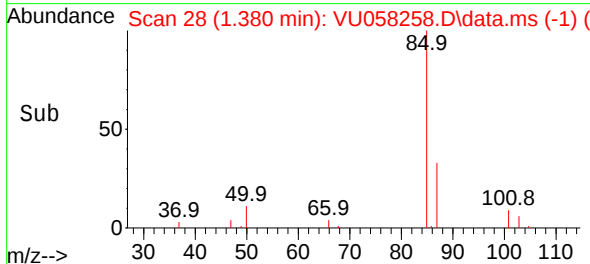
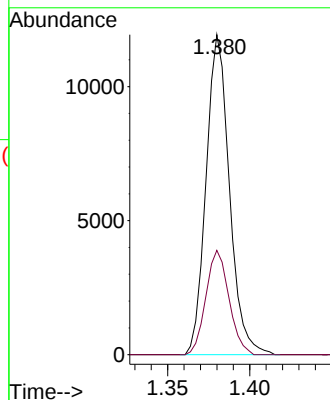
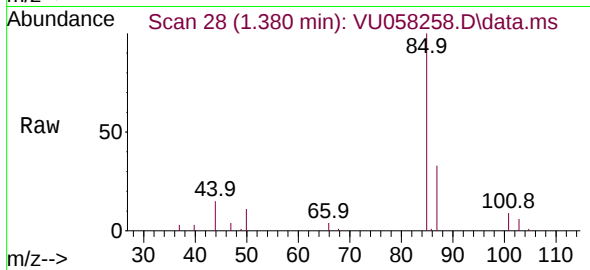




#2
Dichlorodifluoromethane
Concen: 3.936 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

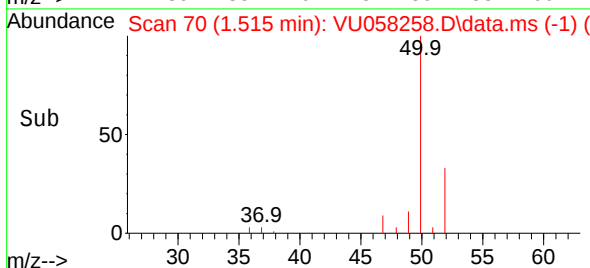
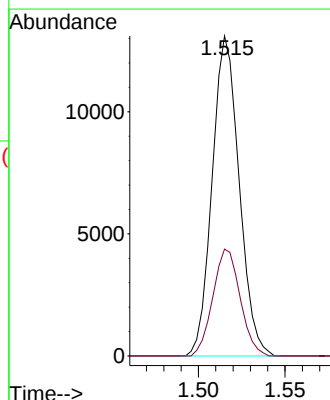
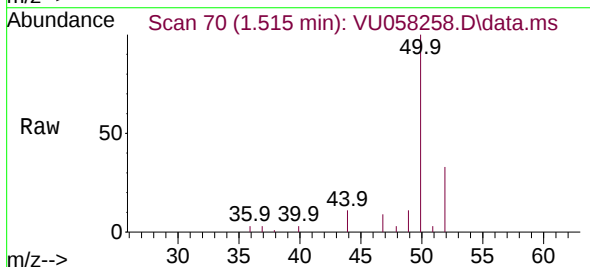
Instrument :
MSVOA_U
ClientSampleId :

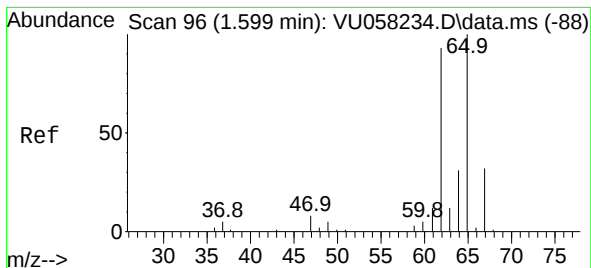
Tgt Ion: 85 Resp: 11799
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 3.716 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Tgt Ion: 50 Resp: 14197
Ion Ratio Lower Upper
50 100
52 33.4 24.2 45.0





#5

Vinyl chloride

Concen: 4.171 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

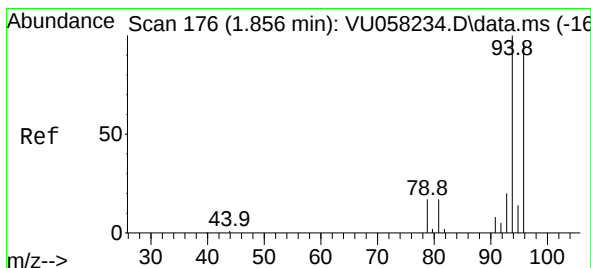
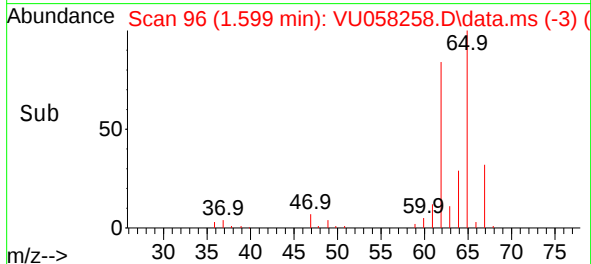
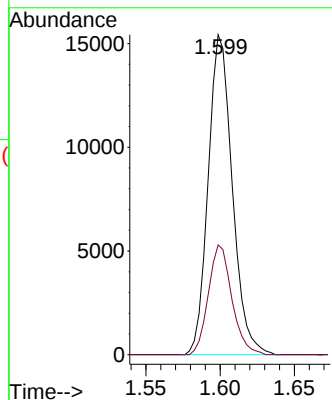
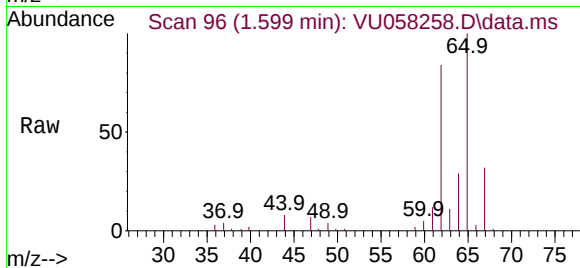
ClientSampleId :

Tgt Ion: 62 Resp: 17403

Ion Ratio Lower Upper

62 100

64 34.3 23.4 43.6



#6

Bromomethane

Concen: 3.581 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU058258.D

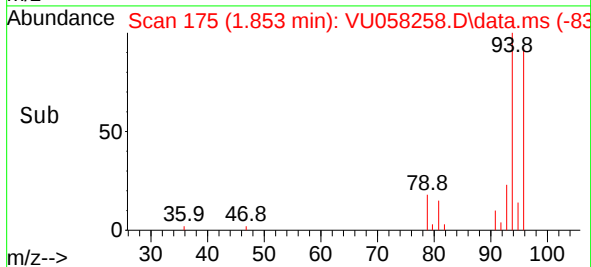
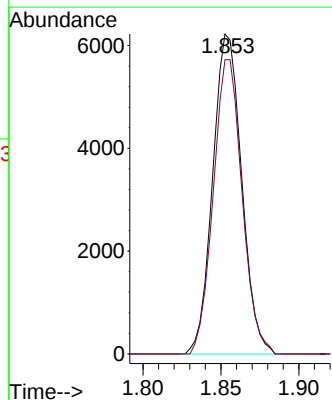
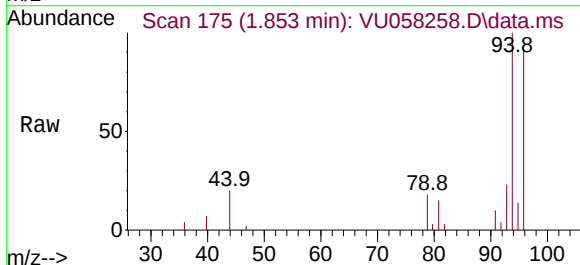
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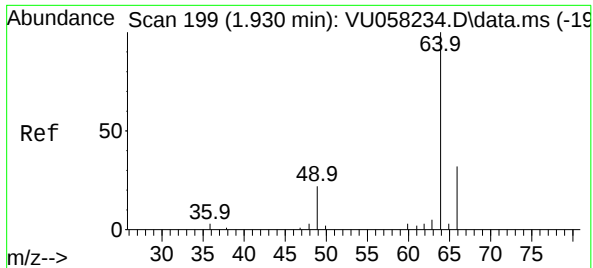
Tgt Ion: 94 Resp: 8013

Ion Ratio Lower Upper

94 100

96 91.9 64.8 120.4

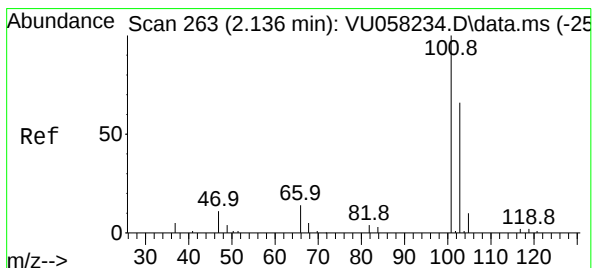
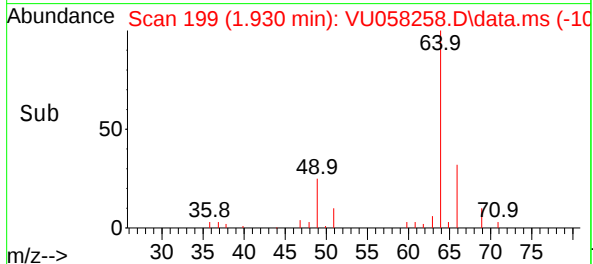
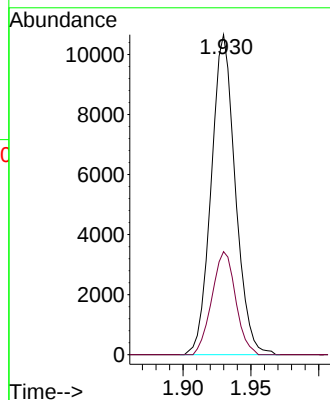
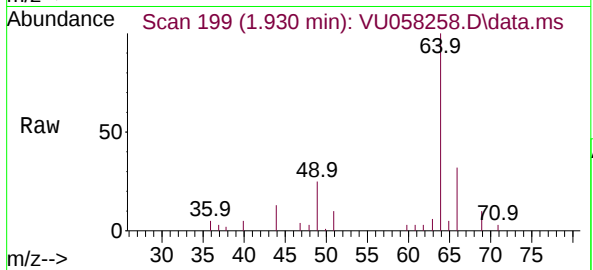




#8
Chloroethane
Concen: 4.784 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

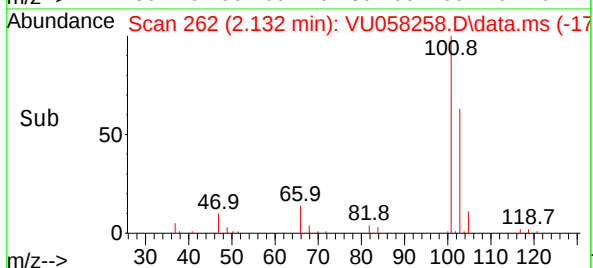
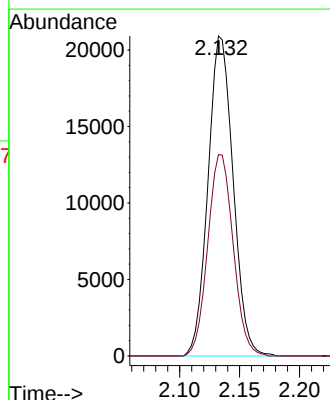
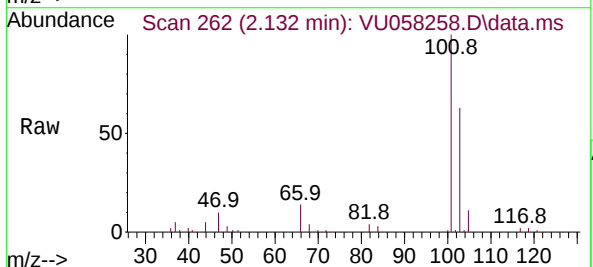
Instrument :
MSVOA_U
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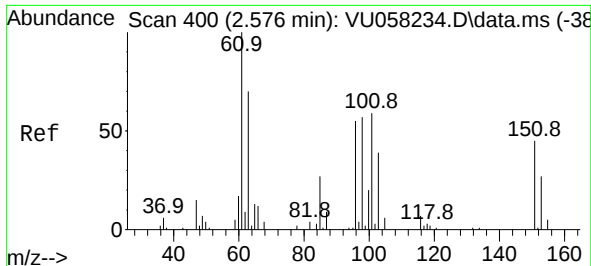
Tgt Ion: 64 Resp: 13162
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.490 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Tgt Ion:101 Resp: 30443
Ion Ratio Lower Upper
101 100
103 63.7 52.3 78.5

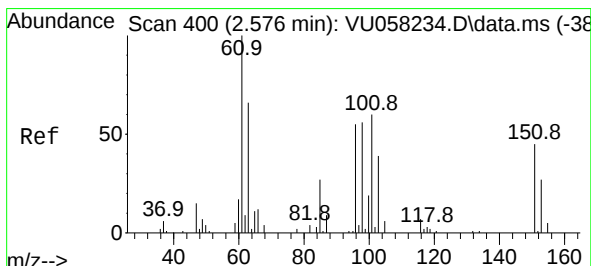
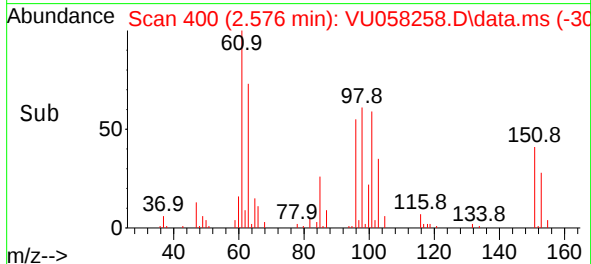
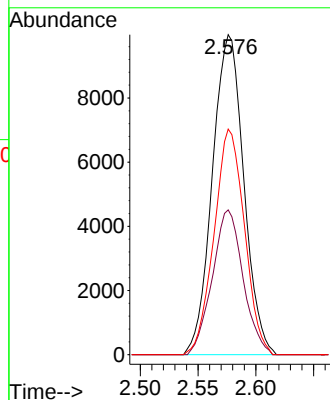
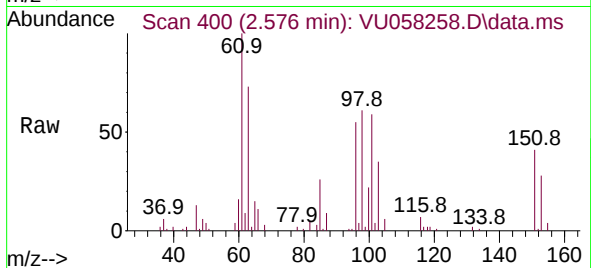




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.333 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058258.D
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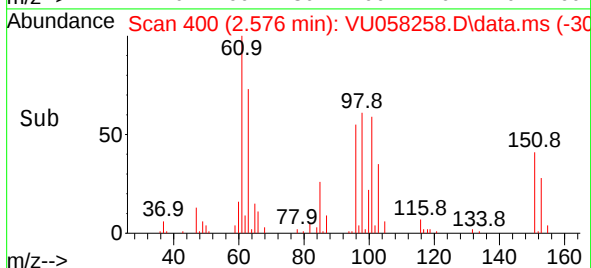
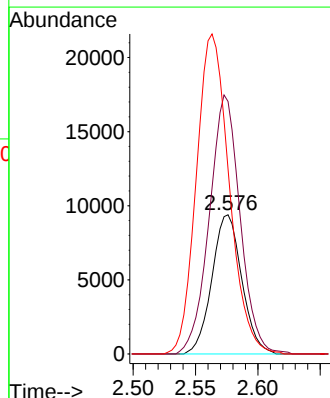
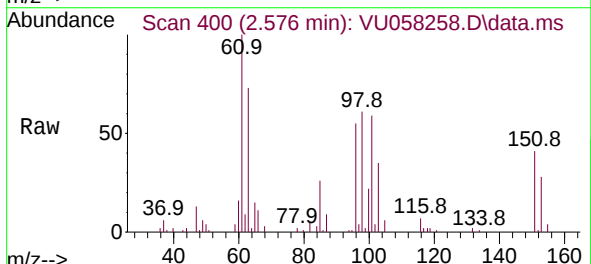
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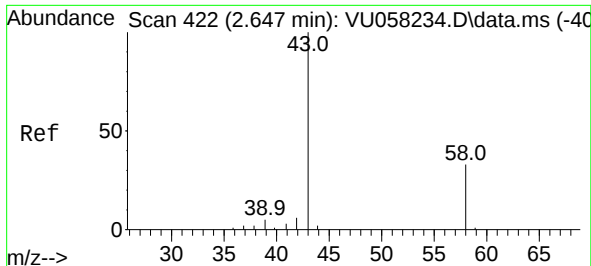
Tgt Ion:101 Resp: 18856
Ion Ratio Lower Upper
101 100
85 44.3 37.9 56.9
151 68.2 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.288 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Tgt Ion: 96 Resp: 15644
Ion Ratio Lower Upper
96 100
61 181.5 128.1 237.9
63 132.9 116.8 217.0





#13

Acetone

Concen: 43.181 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

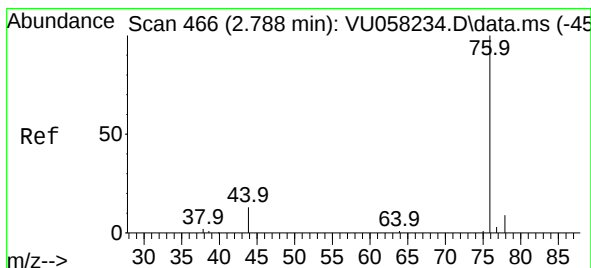
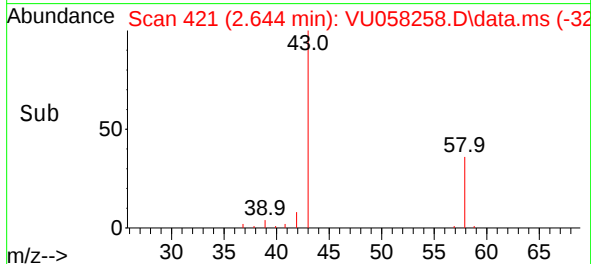
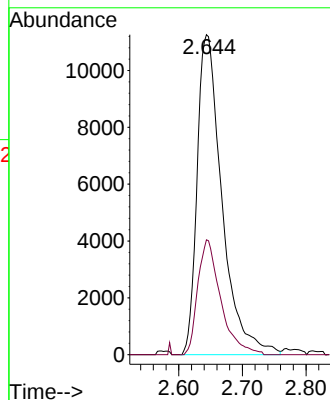
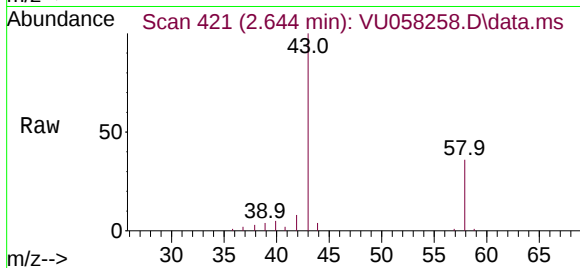
ClientSampleId :

Tgt Ion: 43 Resp: 30534

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.6



#14

Carbon disulfide

Concen: 3.667 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

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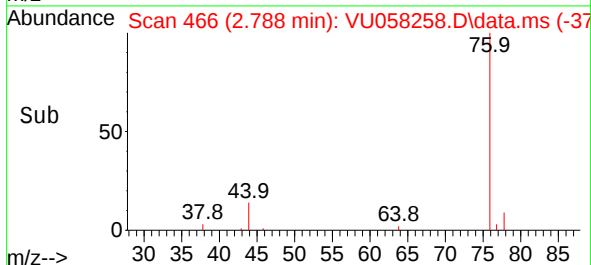
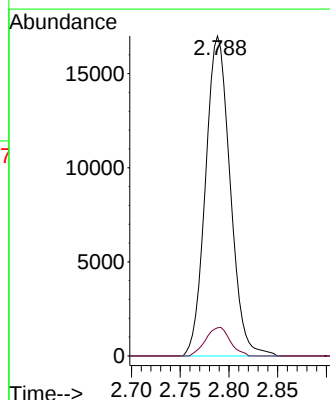
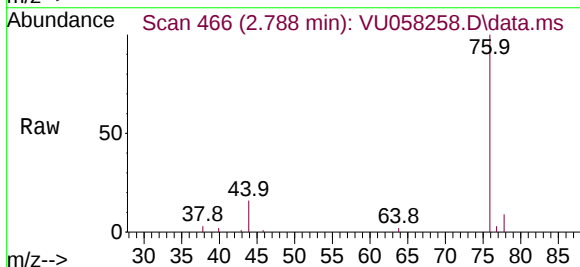
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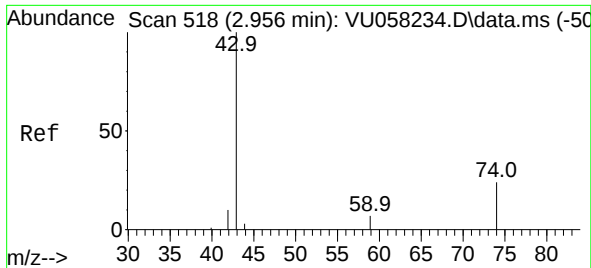
Tgt Ion: 76 Resp: 29894

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8





#15

Methyl Acetate

Concen: 4.971 ug/L

RT: 2.955 min Scan# 51

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

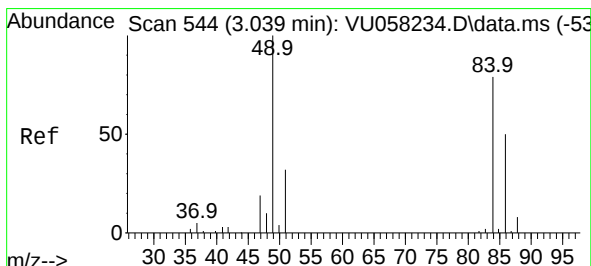
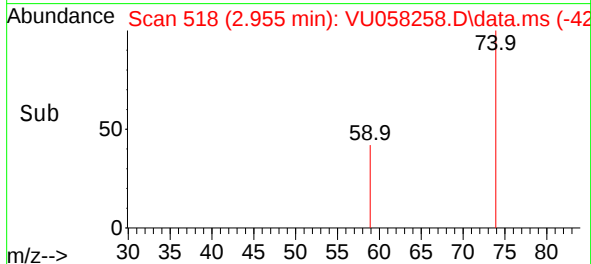
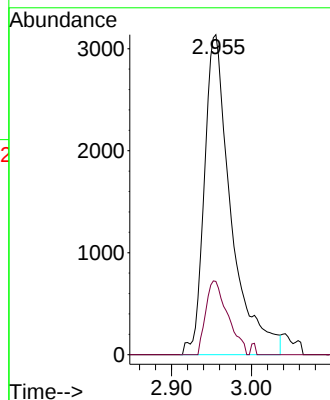
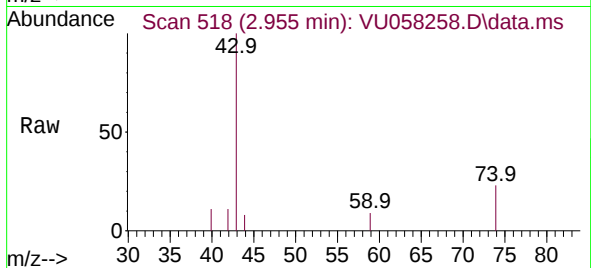
ClientSampleId :

Tgt Ion: 43 Resp: 7297

Ion Ratio Lower Upper

43 100

74 19.0 16.8 25.2



#16

Methylene chloride

Concen: 4.130 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

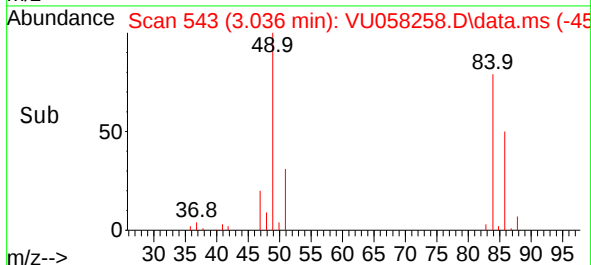
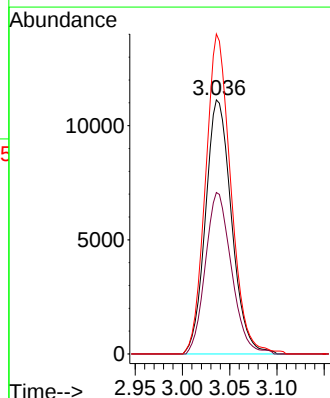
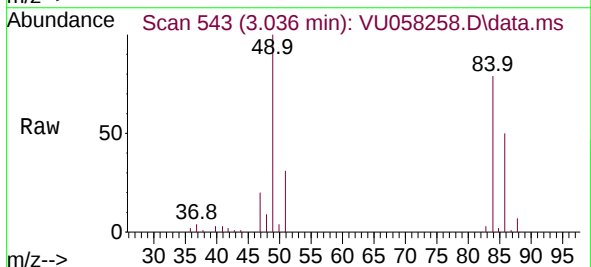
Tgt Ion: 84 Resp: 21351

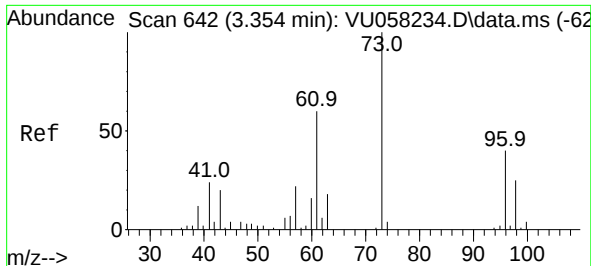
Ion Ratio Lower Upper

84 100

86 63.5 45.6 84.6

49 125.9 88.3 163.9

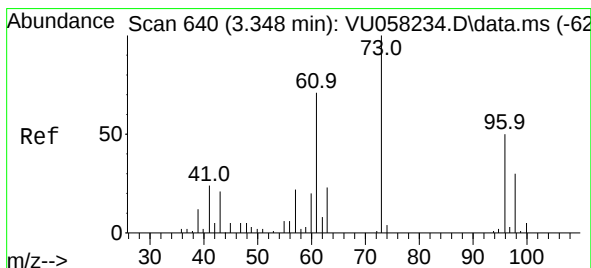
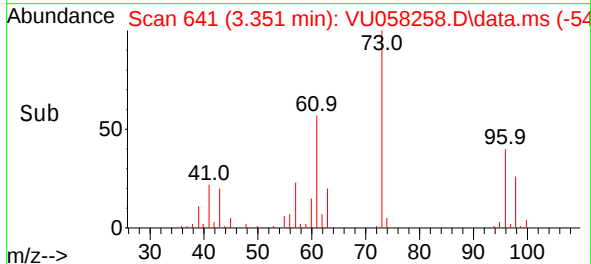
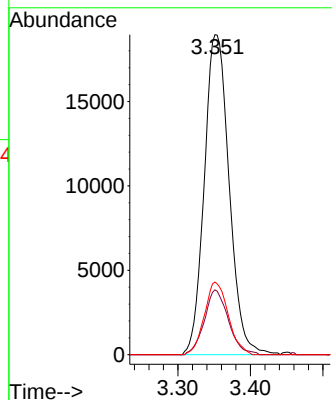
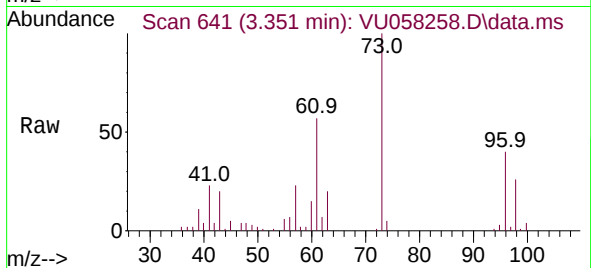




#17
Methyl tert-butyl Ether
Concen: 4.620 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

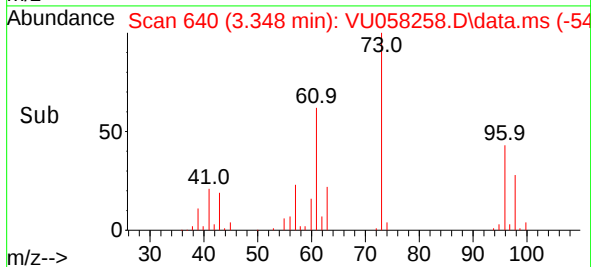
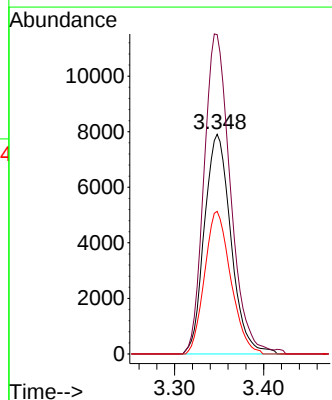
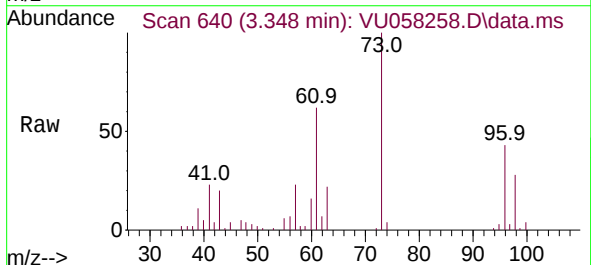
Instrument :
MSVOA_U
ClientSampleId :

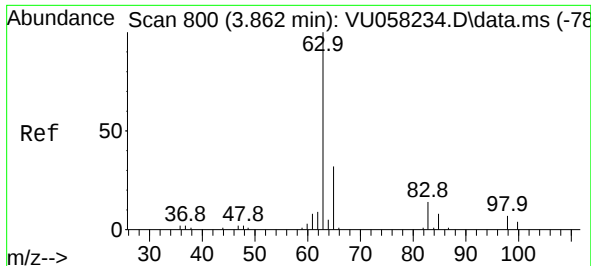
Tgt Ion: 73 Resp: 45232
Ion Ratio Lower Upper
73 100
43 19.6 15.5 23.3
57 21.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.293 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Tgt Ion: 96 Resp: 16368
Ion Ratio Lower Upper
96 100
61 145.4 102.5 190.3
98 64.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 4.600 ug/L

RT: 3.859 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

ClientSampleId :

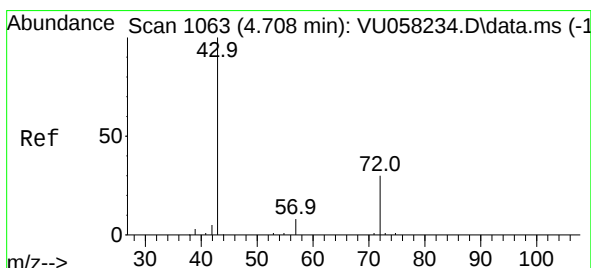
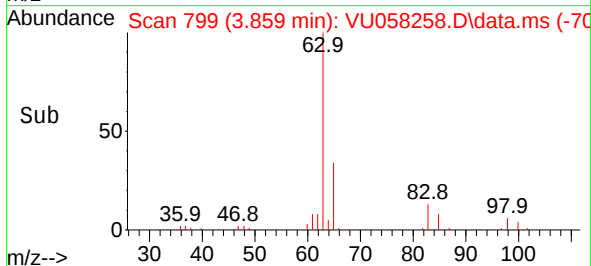
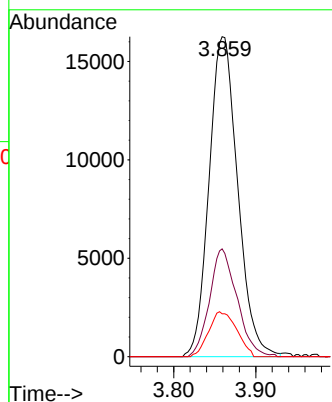
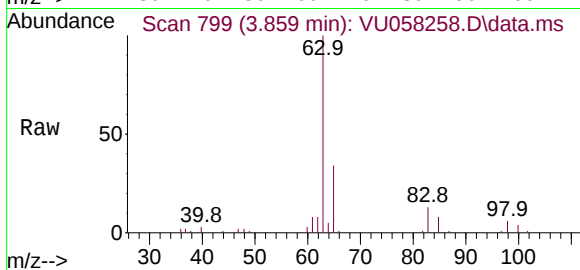
Tgt Ion: 63 Resp: 39412

Ion Ratio Lower Upper

63 100

65 33.7 22.3 41.5

83 13.4 10.0 18.6



#21

2-Butanone

Concen: 43.526 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.003 min

Lab File: VU058258.D

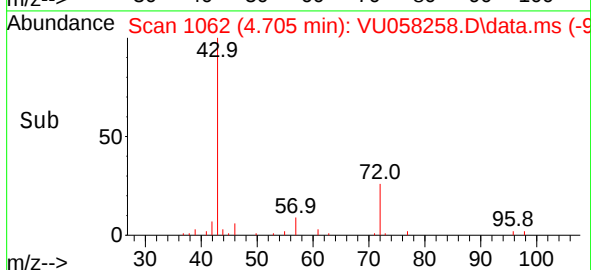
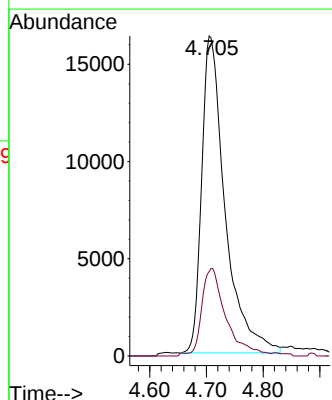
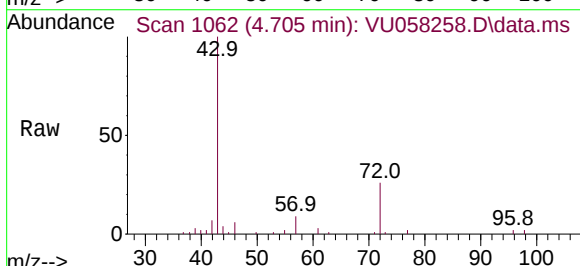
Acq: 28 Mar 2024 22:57

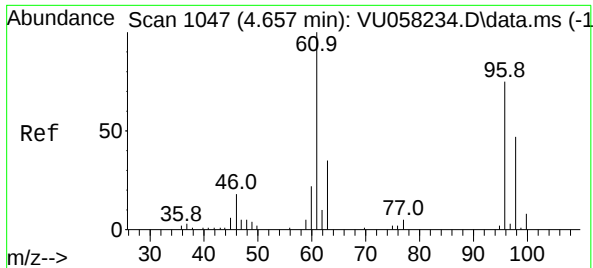
Tgt Ion: 43 Resp: 46760

Ion Ratio Lower Upper

43 100

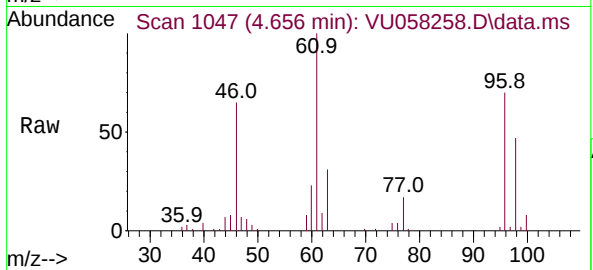
72 25.8 14.0 41.9



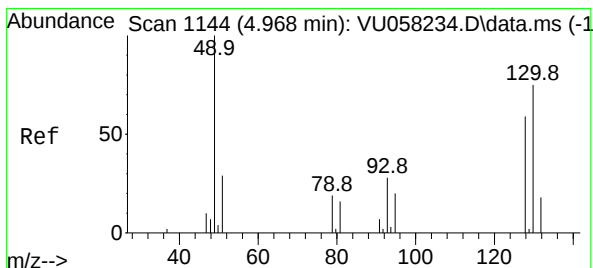
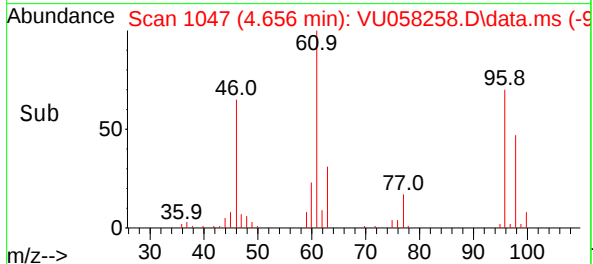
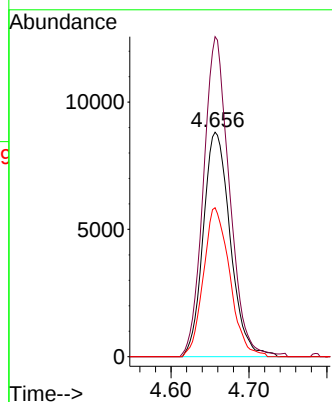


#22
 cis-1,2-Dichloroethene
 Concen: 4.513 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058258.D
 Acq: 28 Mar 2024 22:57

Instrument :
 MSVOA_U
 ClientSampleId :

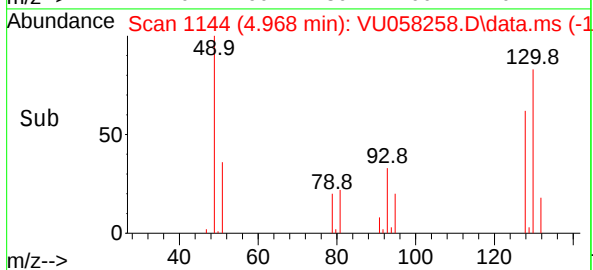
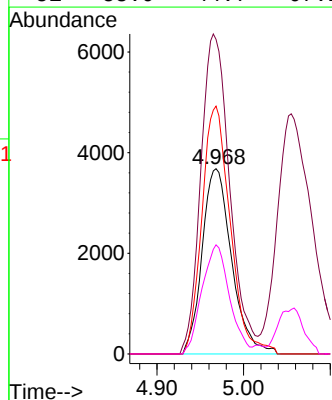
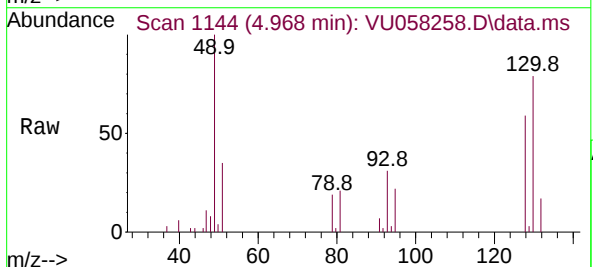


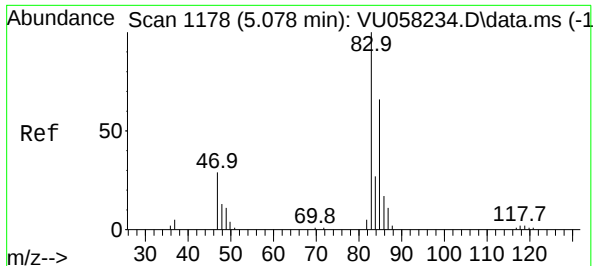
Tgt Ion: 96	Resp: 21263
Ion Ratio	Lower Upper
96 100	
61 142.6	92.8 172.4
98 66.4	43.2 80.2



#23
 Bromochloromethane
 Concen: 4.955 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU058258.D
 Acq: 28 Mar 2024 22:57

Tgt	Ion:128	Resp:	8711
Ion	Ratio	Lower	Upper
128	100		
49	175.9	125.0	232.2
130	133.8	92.3	171.5
51	58.9	44.7	67.1





#25

Chloroform

Concen: 4.688 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

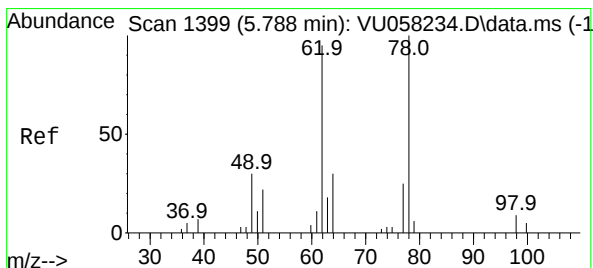
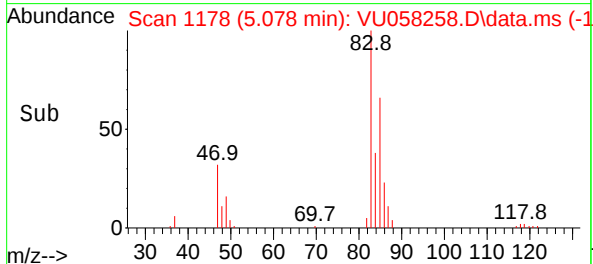
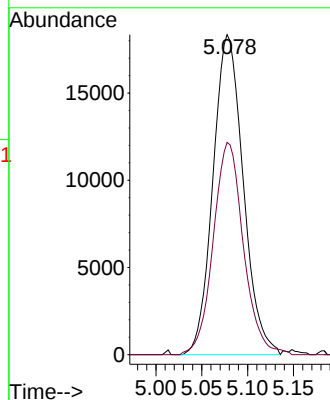
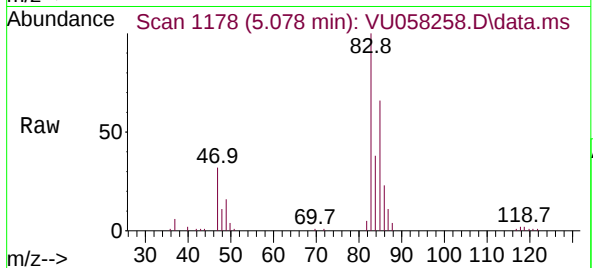
ClientSampleId :

Tgt Ion: 83 Resp: 42118

Ion Ratio Lower Upper

83 100

85 66.4 47.9 88.9



#27

1,2-Dichloroethane

Concen: 4.648 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU058258.D

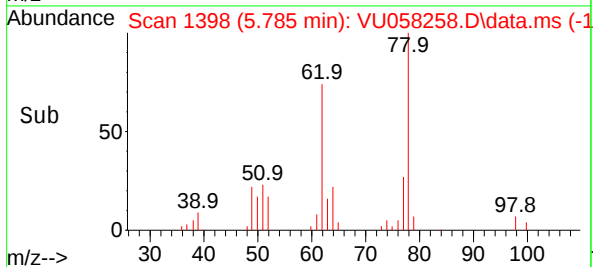
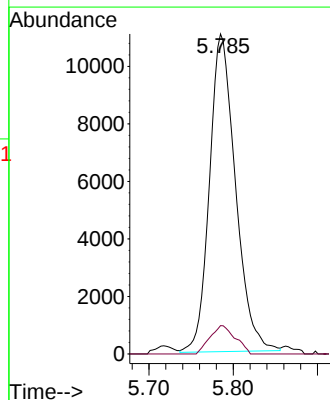
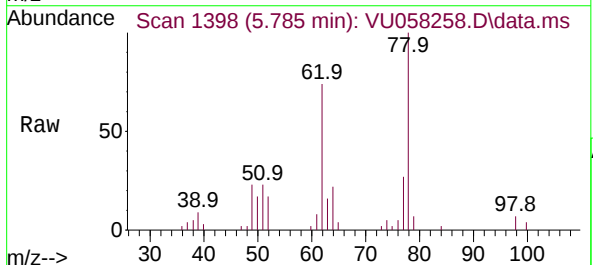
Acq: 28 Mar 2024 22:57

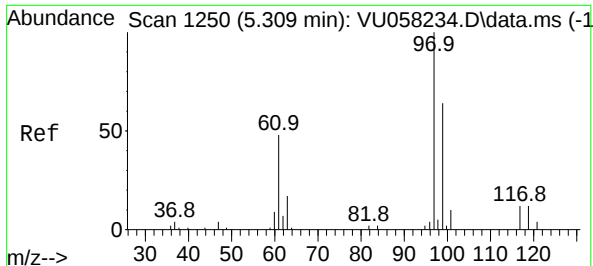
Tgt Ion: 62 Resp: 23710

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0



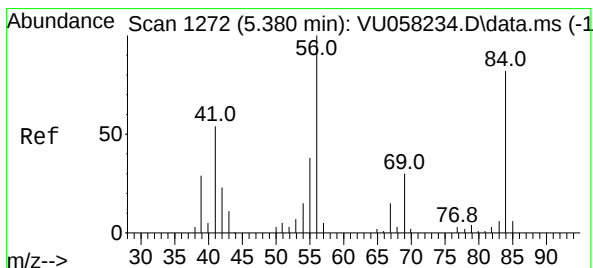
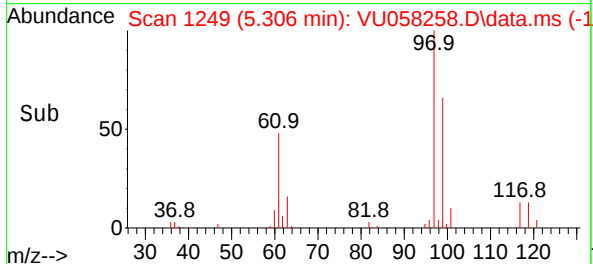
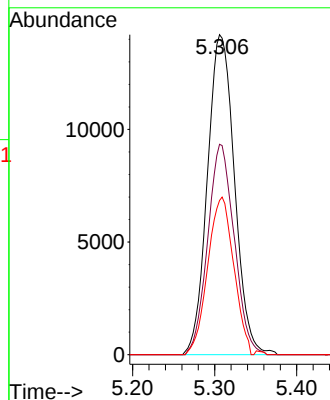
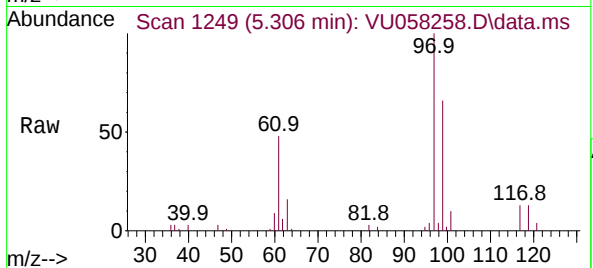


#29
1,1,1-Trichloroethane
Concen: 4.496 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 32637

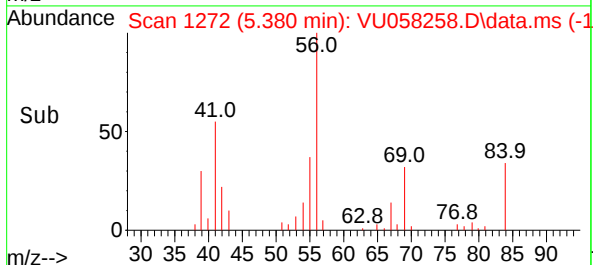
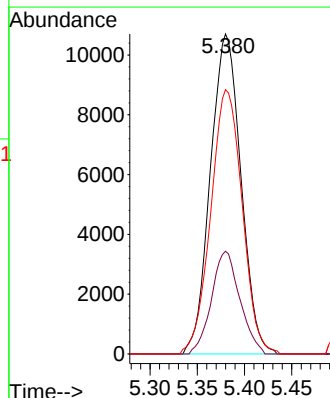
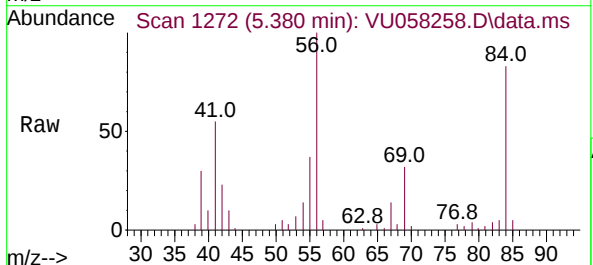
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.5	75.7
61	47.2	36.3	54.5

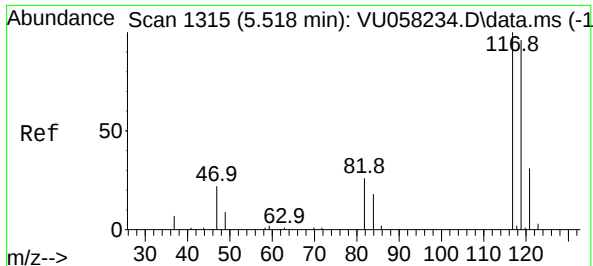


#30
Cyclohexane
Concen: 3.794 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Tgt Ion: 56 Resp: 24057

Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.2	36.2
84	85.0	69.7	104.5

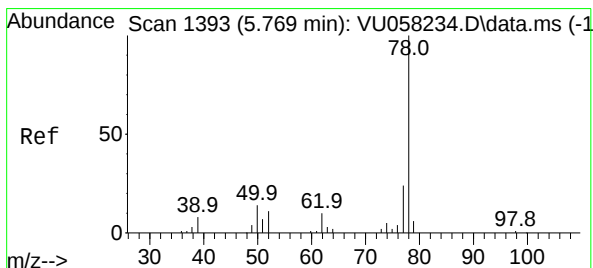
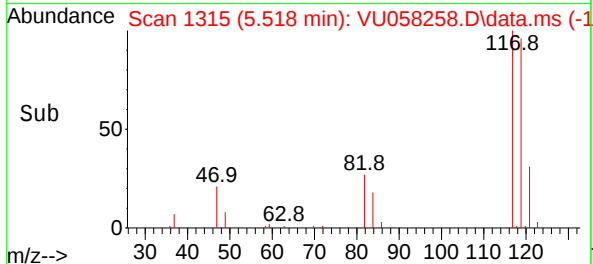
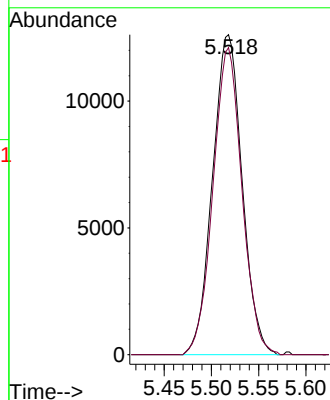
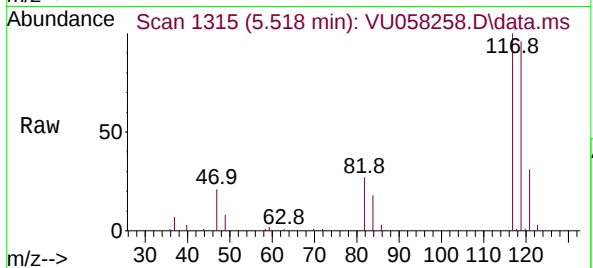




#31
Carbon tetrachloride
Concen: 4.444 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

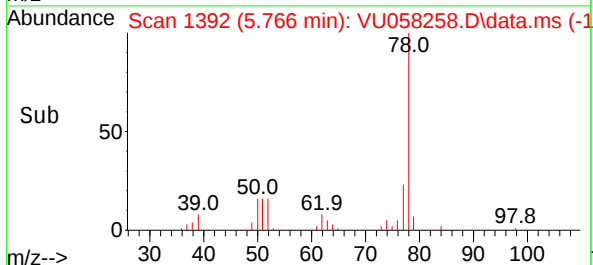
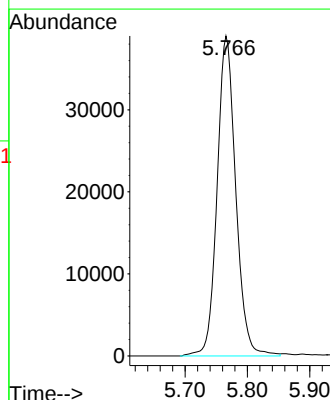
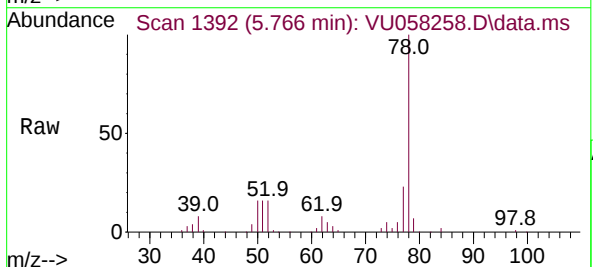
Instrument :
MSVOA_U
ClientSampleId :

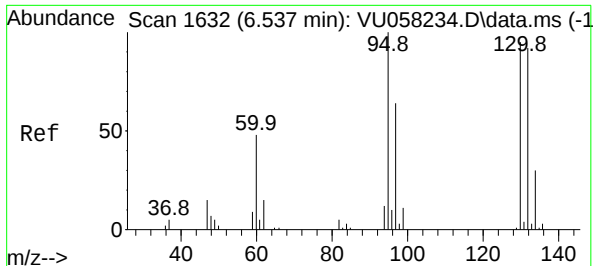
Tgt Ion:117 Resp: 27458
Ion Ratio Lower Upper
117 100
119 93.9 78.1 117.1



#33
Benzene
Concen: 4.390 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Tgt Ion: 78 Resp: 80956





#34

Trichloroethene

Concen: 5.103 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 24513

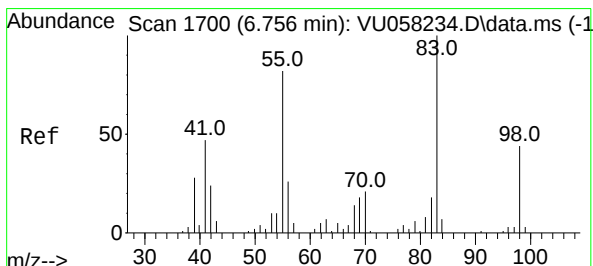
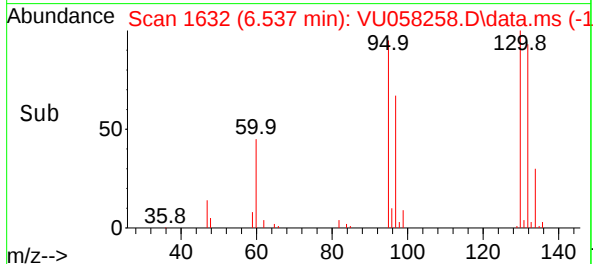
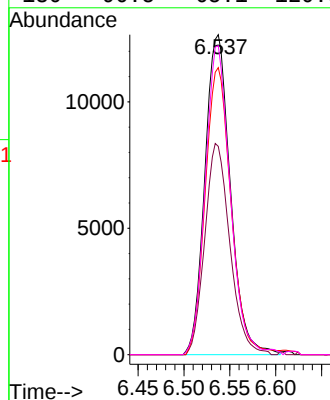
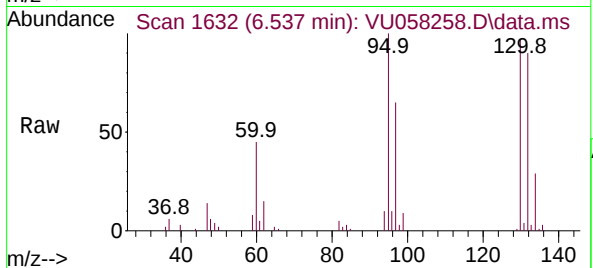
Ion Ratio Lower Upper

95 100

97 65.1 47.7 88.7

132 89.7 63.6 118.2

130 96.5 65.1 120.9



#35

Methylcyclohexane

Concen: 3.748 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

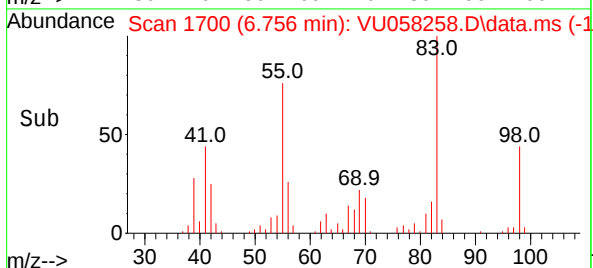
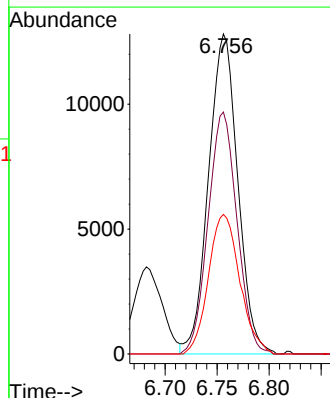
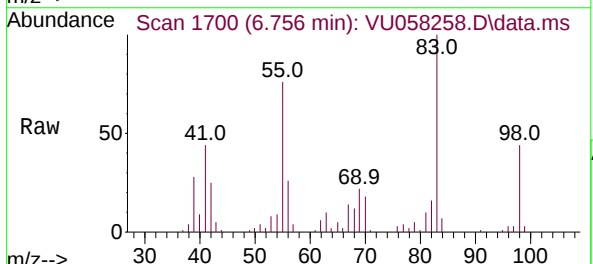
Tgt Ion: 83 Resp: 25107

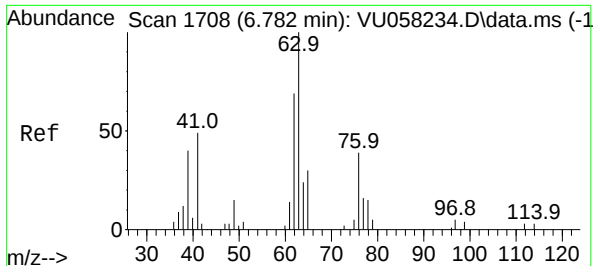
Ion Ratio Lower Upper

83 100

55 74.7 62.7 94.1

98 46.7 37.3 55.9

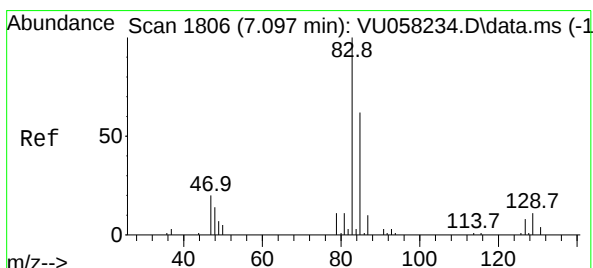
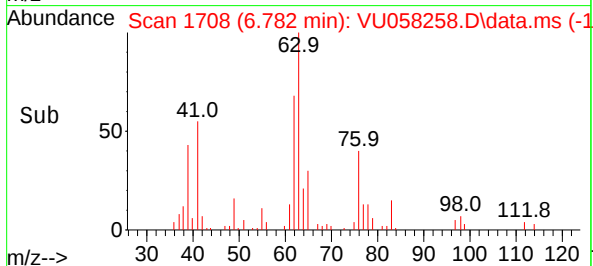
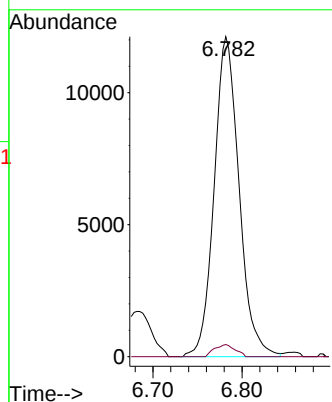
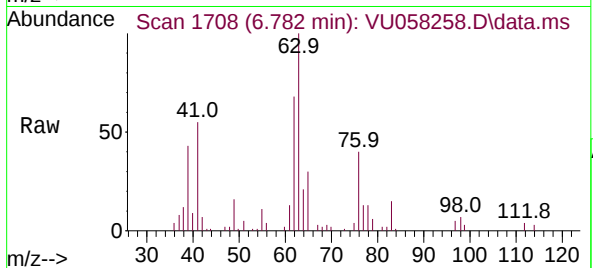




#37
1,2-Dichloropropane
Concen: 4.571 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

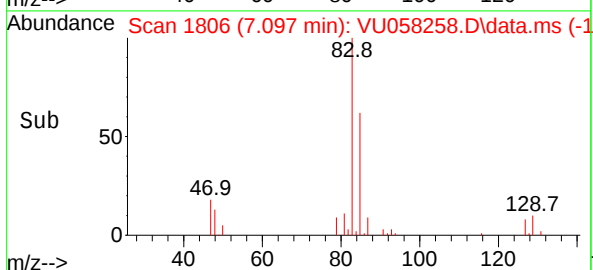
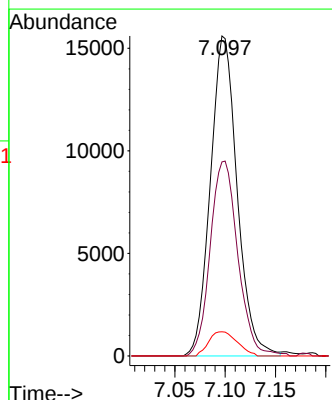
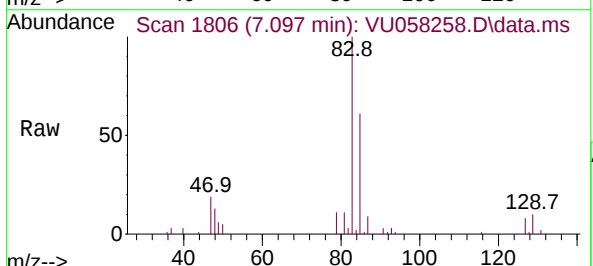
Instrument :
MSVOA_U
ClientSampleId :

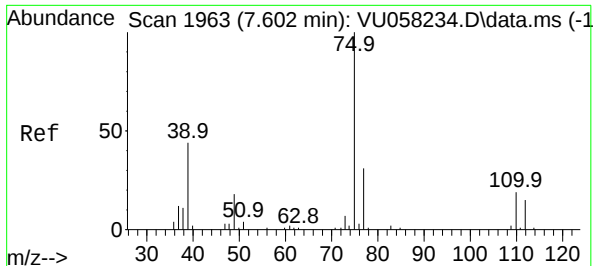
Tgt Ion: 63 Resp: 23544
Ion Ratio Lower Upper
63 100
112 3.1 2.7 4.1



#38
Bromodichloromethane
Concen: 4.896 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Tgt Ion: 83 Resp: 28907
Ion Ratio Lower Upper
83 100
85 60.6 45.6 84.8
127 7.5 7.1 10.7

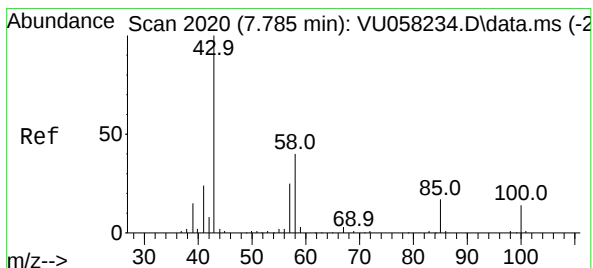
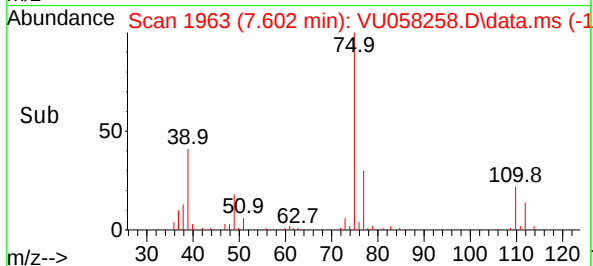
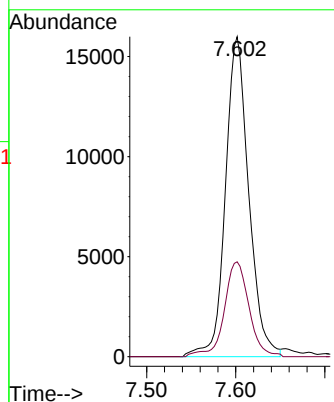
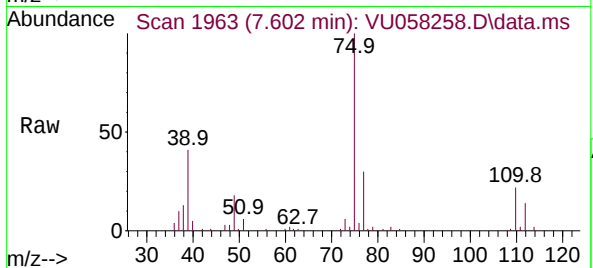




#39
 cis-1,3-Dichloropropene
 Concen: 4.454 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058258.D
 Acq: 28 Mar 2024 22:57

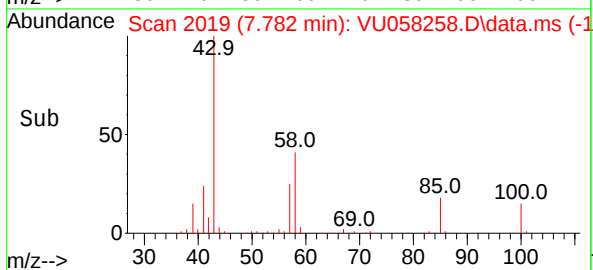
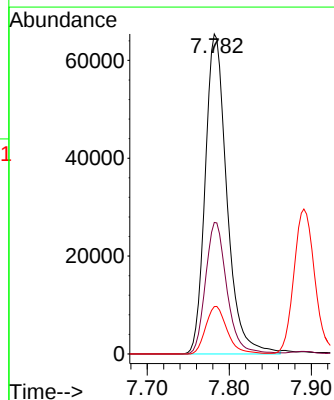
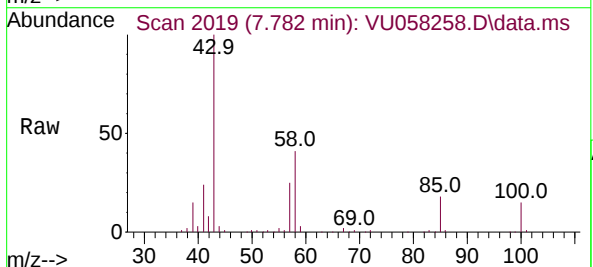
Instrument :
 MSVOA_U
 ClientSampleId :

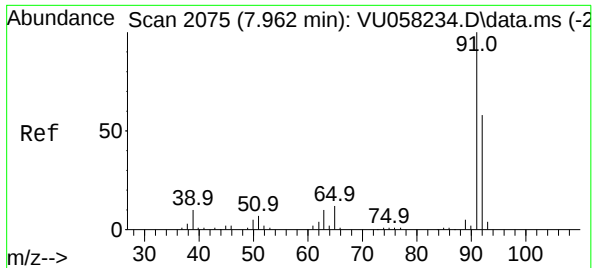
Tgt Ion: 75 Resp: 29098
 Ion Ratio Lower Upper
 75 100
 77 29.7 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 46.114 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058258.D
 Acq: 28 Mar 2024 22:57

Tgt Ion: 43 Resp: 120106
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.2 49.8
 100 14.7 11.5 17.3





#42

Toluene

Concen: 4.461 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

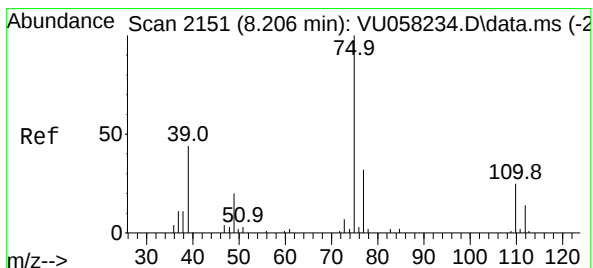
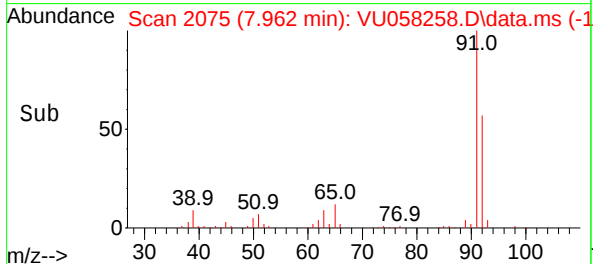
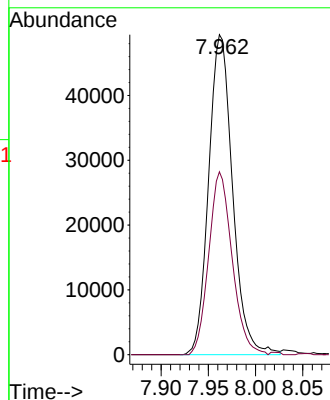
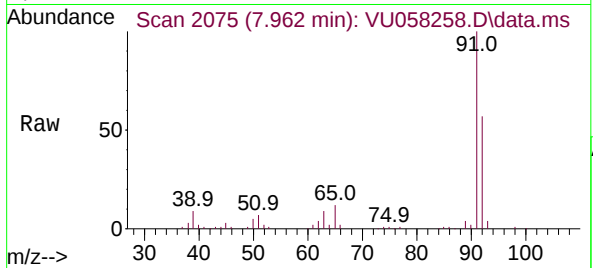
ClientSampleId :

Tgt Ion: 91 Resp: 86907

Ion Ratio Lower Upper

91 100

92 57.2 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.577 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058258.D

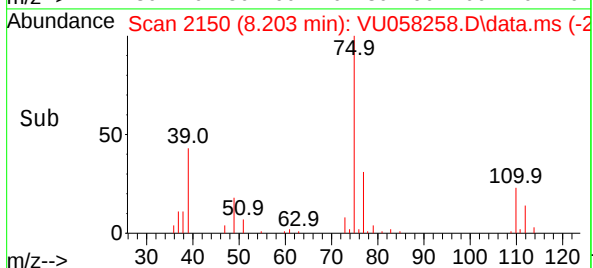
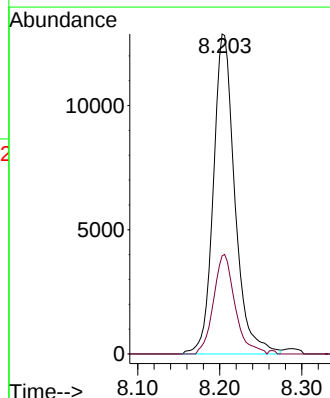
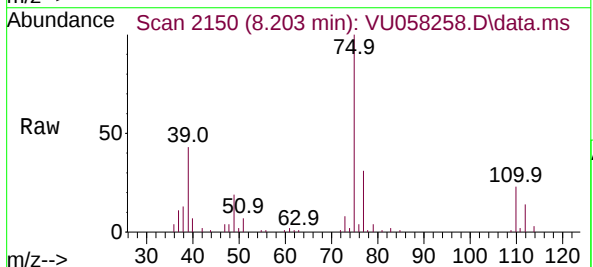
Acq: 28 Mar 2024 22:57

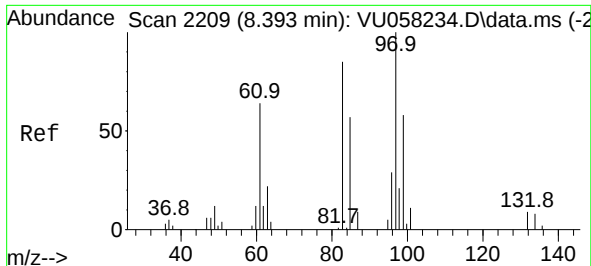
Tgt Ion: 75 Resp: 23527

Ion Ratio Lower Upper

75 100

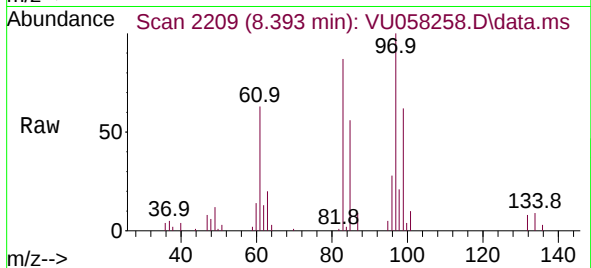
77 30.7 21.7 40.3



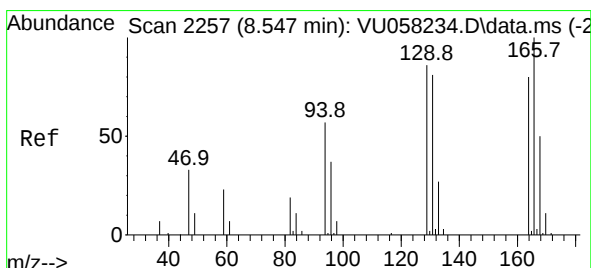
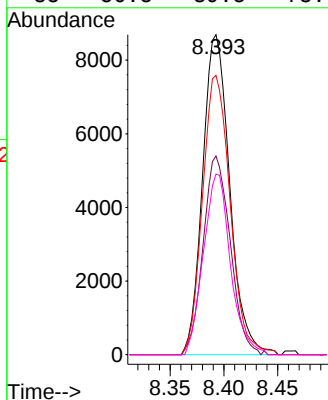
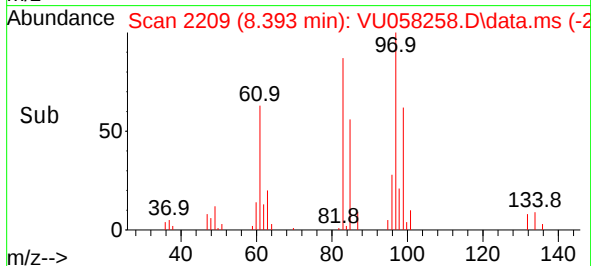


#45
1,1,2-Trichloroethane
Concen: 4.705 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

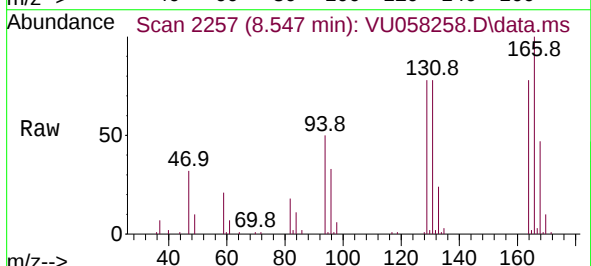
Instrument :
MSVOA_U
ClientSampleId :



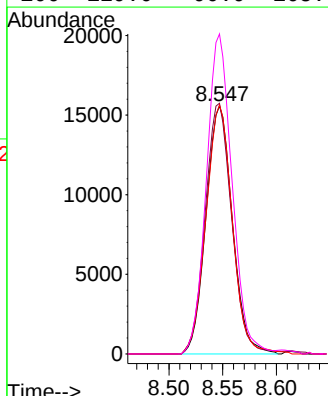
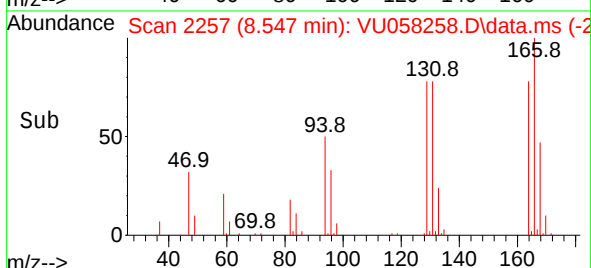
Tgt Ion:	97	Resp:	15264
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.5	82.7
83	87.3	64.1	119.1
85	56.5	39.5	73.4

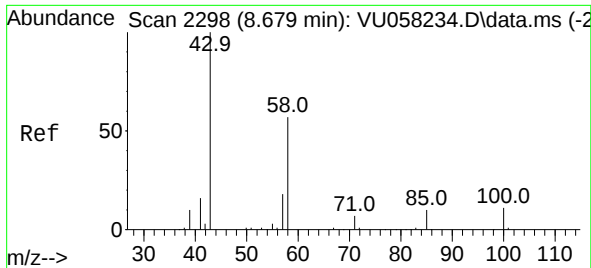


#47
Tetrachloroethene
Concen: 8.259 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57



Tgt Ion:	164	Resp:	26574
Ion	Ratio	Lower	Upper
164	100		
129	101.1	71.3	132.3
131	100.4	70.8	131.4
166	129.0	90.9	168.9

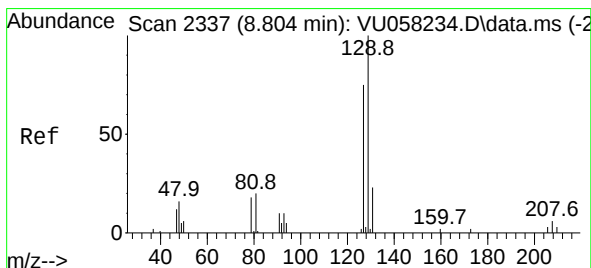
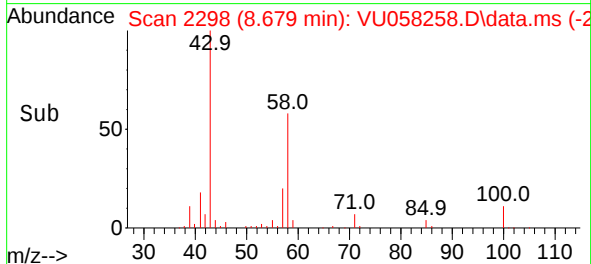
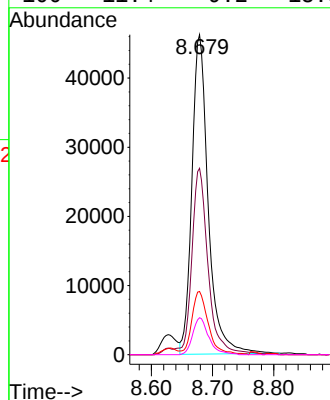
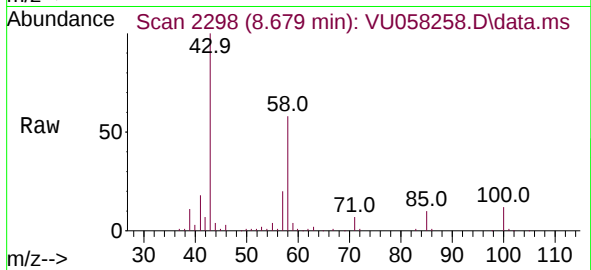




#48
2-Hexanone
Concen: 45.131 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

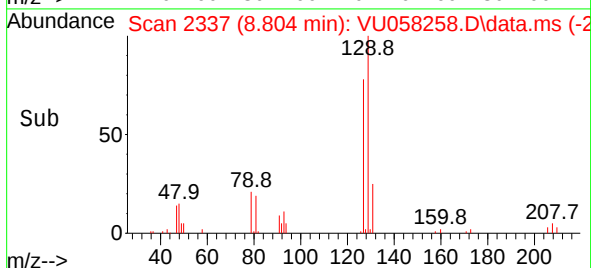
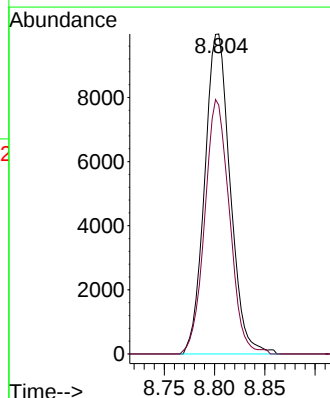
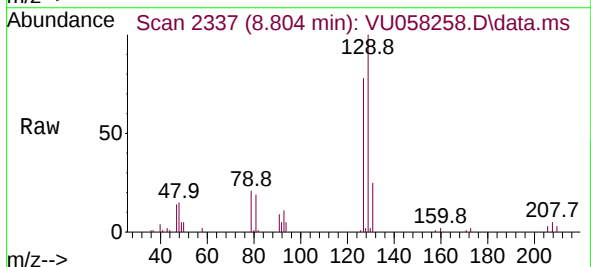
Instrument :
MSVOA_U
ClientSampleId :

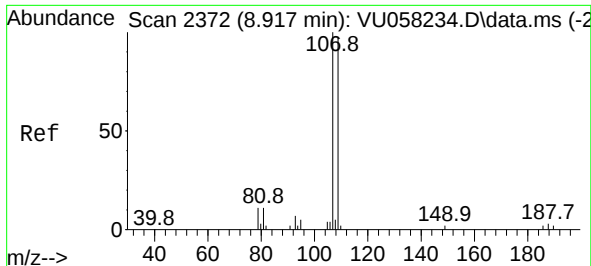
Tgt Ion:	43	Resp:	85601
Ion	Ratio	Lower	Upper
43	100		
58	57.2	48.3	72.5
57	20.1	16.3	24.5
100	11.4	9.2	13.8



#49
Dibromochloromethane
Concen: 4.969 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Tgt Ion:	129	Resp:	17640
Ion	Ratio	Lower	Upper
129	100		
127	77.8	55.7	103.5

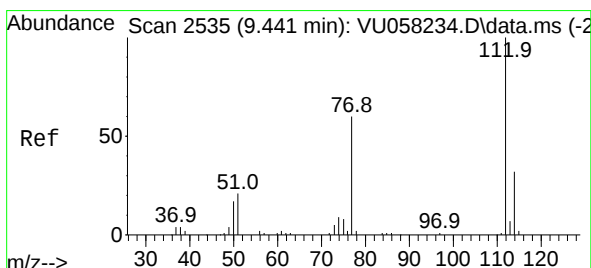
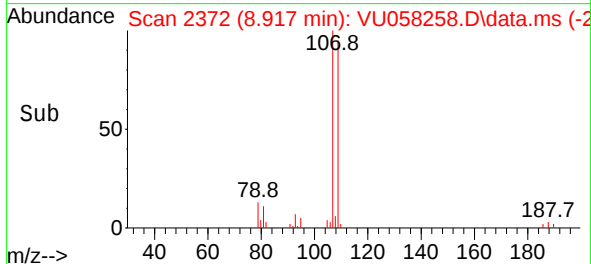
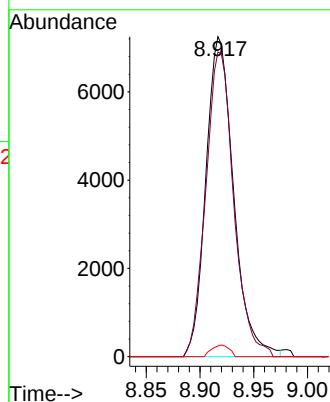
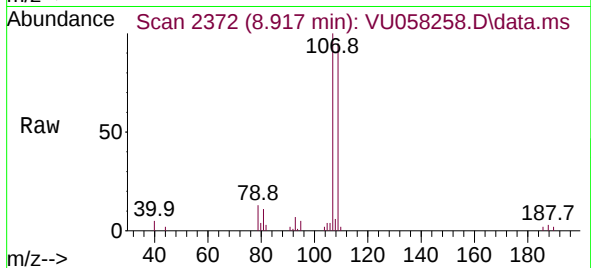




#50
1,2-Dibromoethane
Concen: 4.660 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

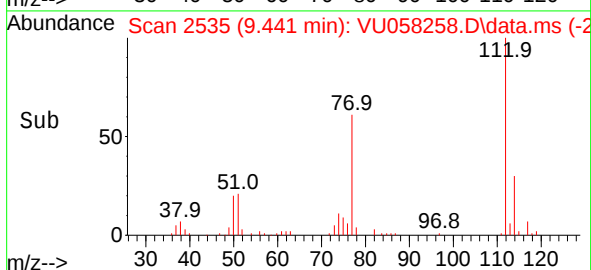
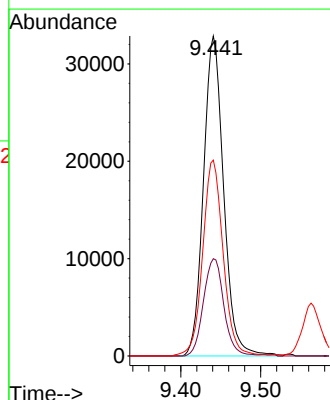
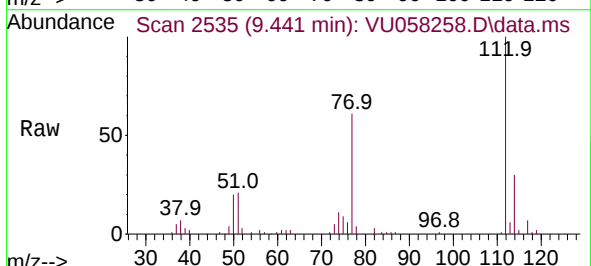
Instrument :
MSVOA_U
ClientSampleId :

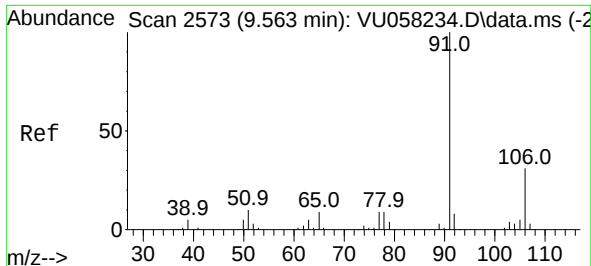
Tgt Ion:107 Resp: 13014
Ion Ratio Lower Upper
107 100
109 95.2 67.8 125.8
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 4.595 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Tgt Ion:112 Resp: 57681
Ion Ratio Lower Upper
112 100
114 30.4 22.7 42.3
77 61.2 48.9 73.3





#52

Ethylbenzene

Concen: 4.380 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

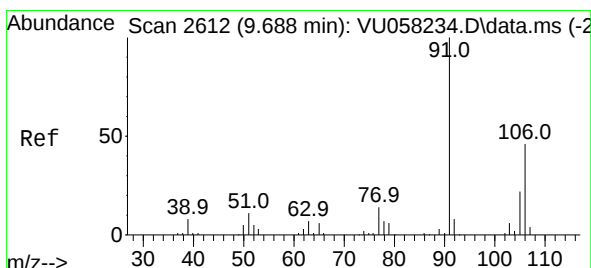
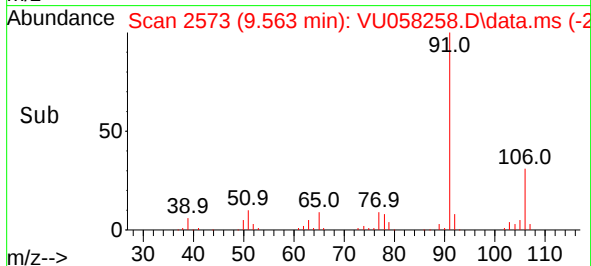
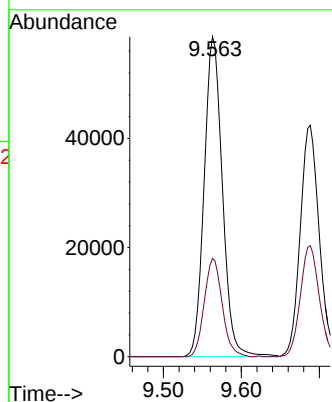
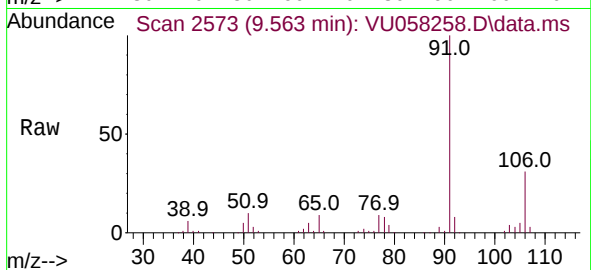
ClientSampleId :

Tgt Ion: 91 Resp: 95275

Ion Ratio Lower Upper

91 100

106 30.7 20.6 38.2



#53

m,p-Xylene

Concen: 4.481 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU058258.D

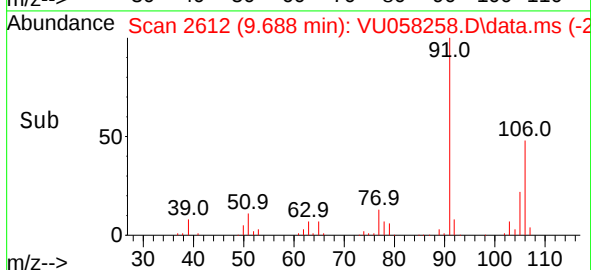
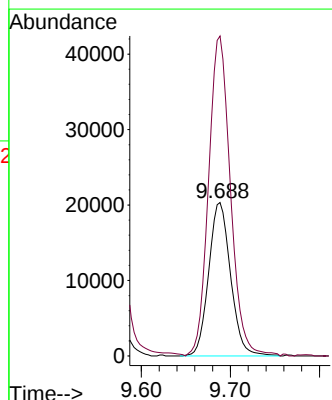
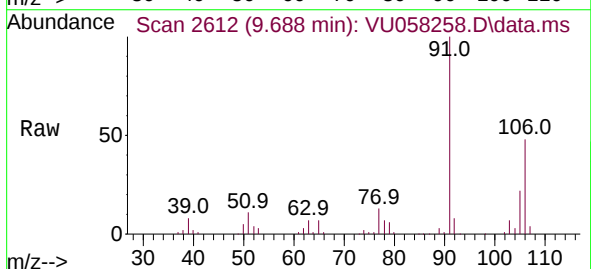
Acq: 28 Mar 2024 22:57

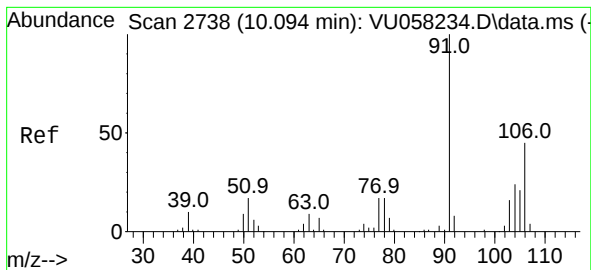
Tgt Ion:106 Resp: 34736

Ion Ratio Lower Upper

106 100

91 208.5 151.0 280.4





#54

o-Xylene

Concen: 4.511 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

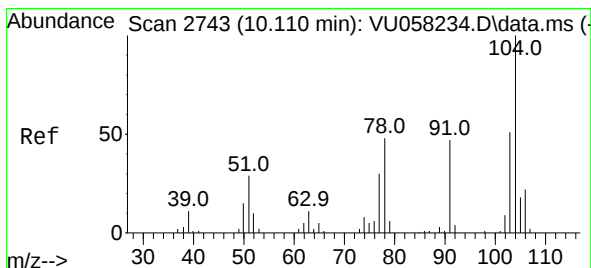
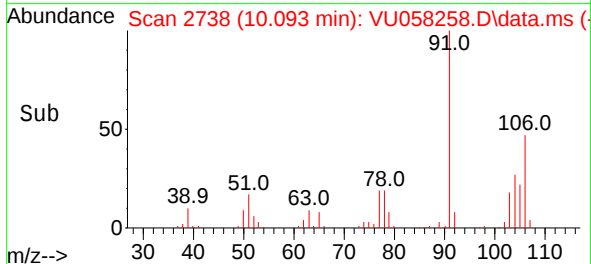
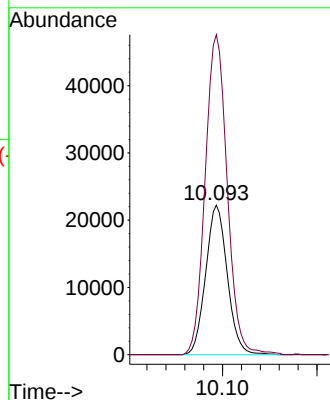
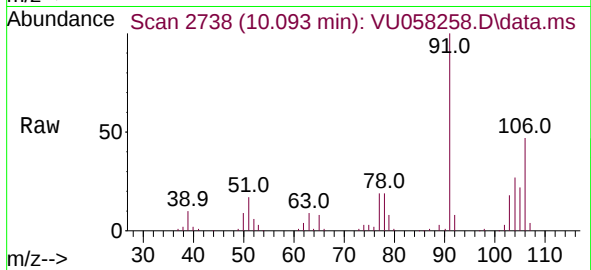
ClientSampleId :

Tgt Ion:106 Resp: 35293

Ion Ratio Lower Upper

106 100

91 213.8 154.3 286.7



#55

Styrene

Concen: 4.686 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU058258.D

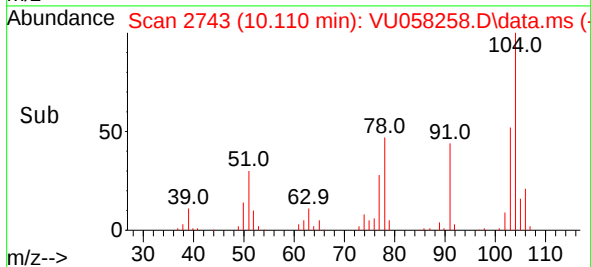
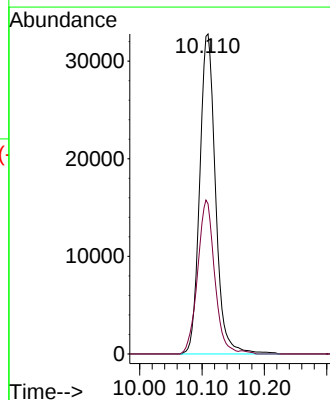
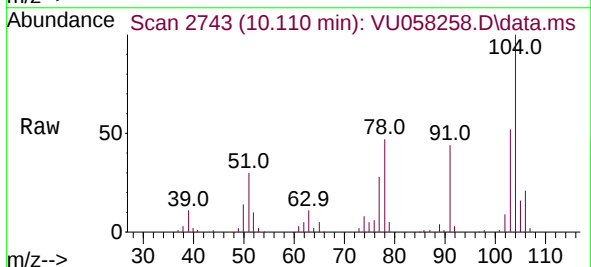
Acq: 28 Mar 2024 22:57

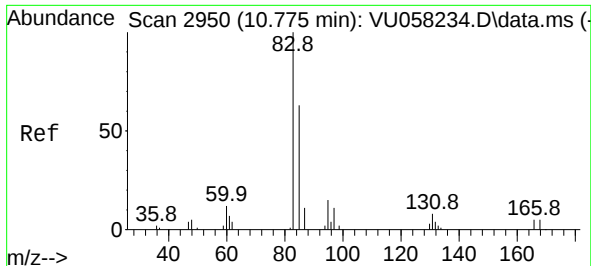
Tgt Ion:104 Resp: 57898

Ion Ratio Lower Upper

104 100

78 46.9 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.826 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

ClientSampleId :

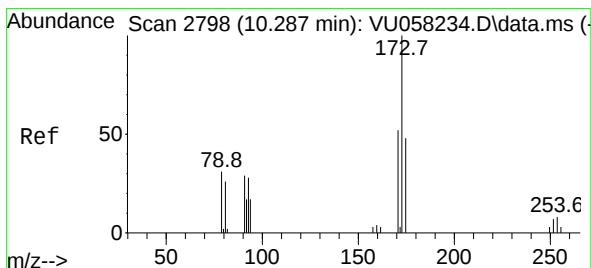
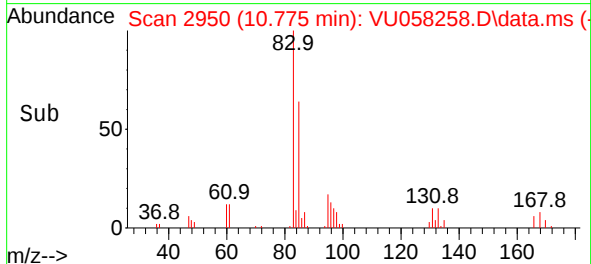
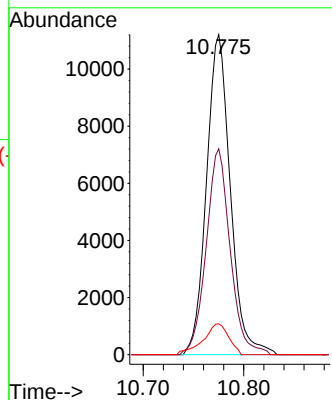
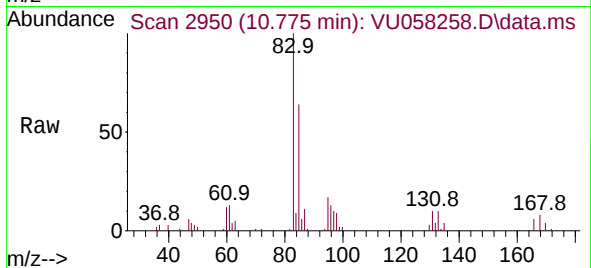
Tgt Ion: 83 Resp: 18455

Ion Ratio Lower Upper

83 100

85 64.3 44.7 82.9

131 9.7 7.0 10.6



#59

Bromoform

Concen: 5.070 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

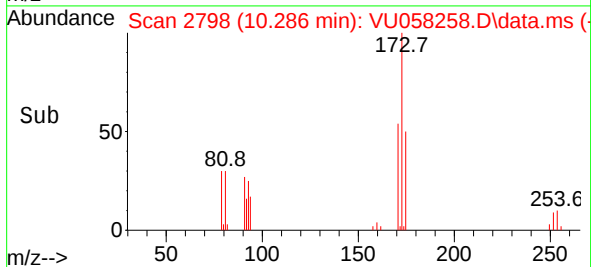
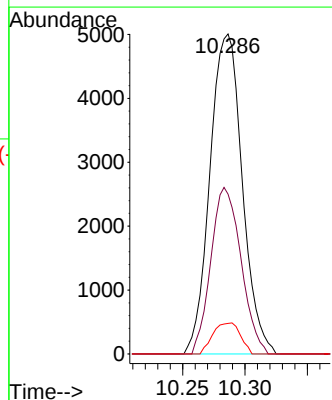
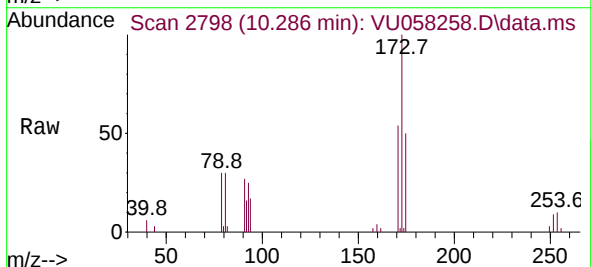
Tgt Ion:173 Resp: 9044

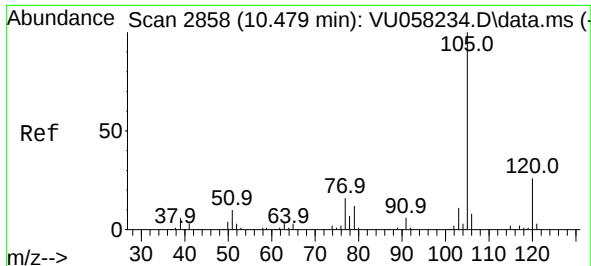
Ion Ratio Lower Upper

173 100

175 48.5 40.9 61.3

254 8.3 5.8 8.8

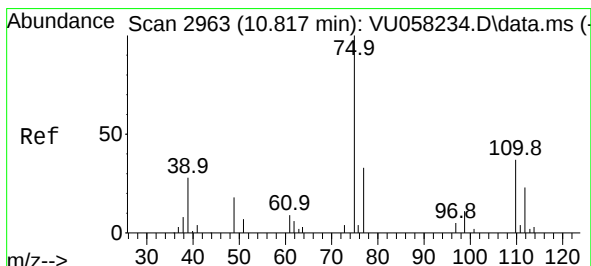
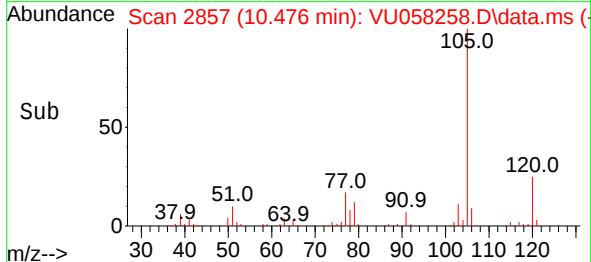
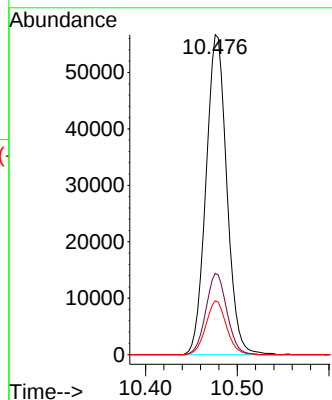
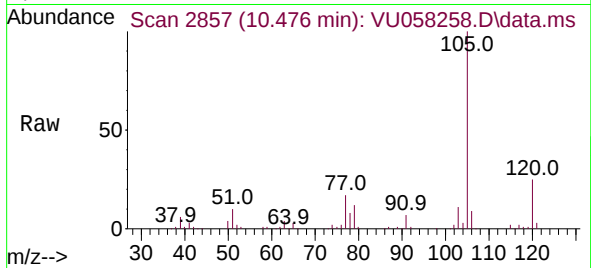




#60
Isopropylbenzene
Concen: 4.379 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

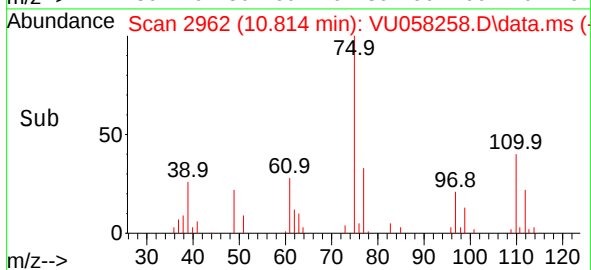
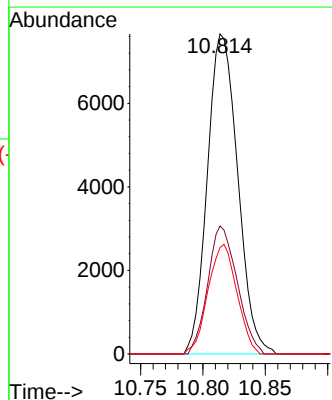
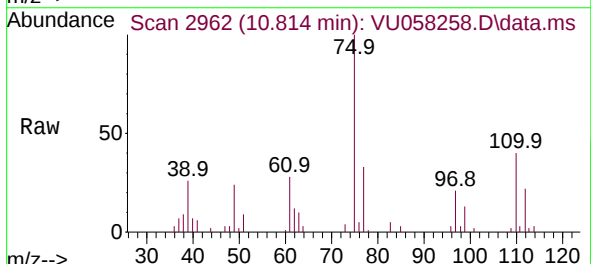
Instrument :
MSVOA_U
ClientSampleId :

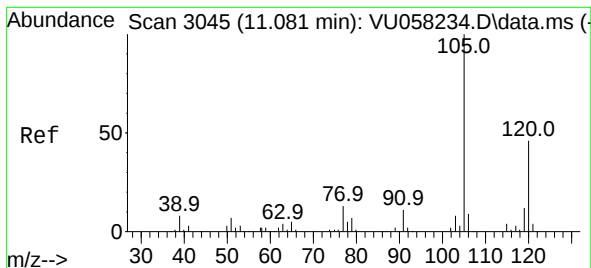
Tgt Ion:105 Resp: 89357
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.565 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

Tgt Ion: 75 Resp: 12985
Ion Ratio Lower Upper
75 100
110 38.7 28.1 42.1
77 32.5 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.260 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

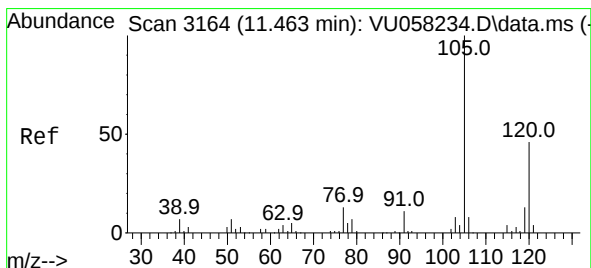
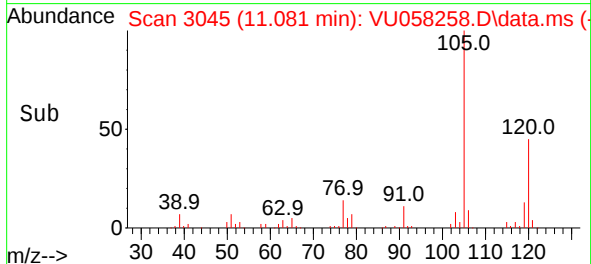
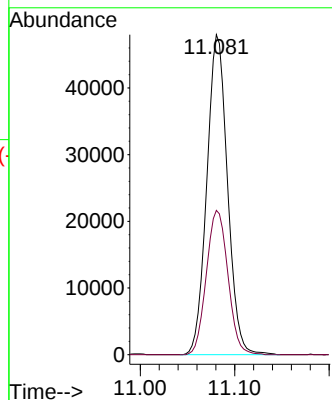
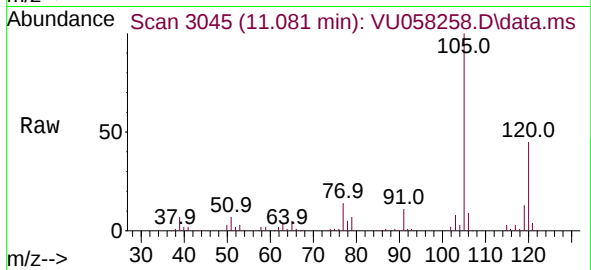
ClientSampleId :

Tgt Ion:105 Resp: 72963

Ion Ratio Lower Upper

105 100

120 47.0 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.357 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058258.D

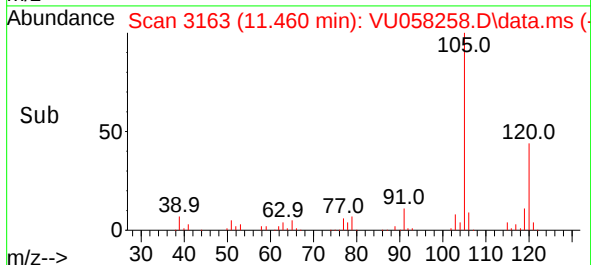
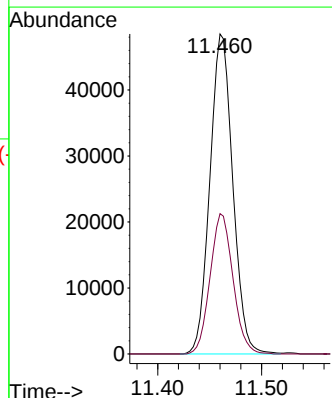
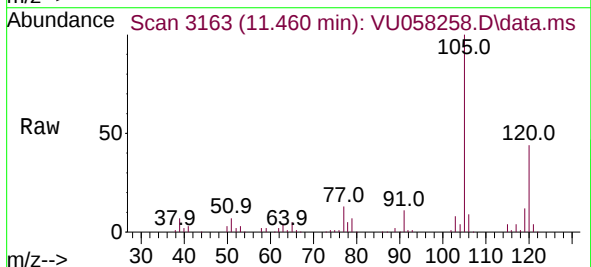
Acq: 28 Mar 2024 22:57

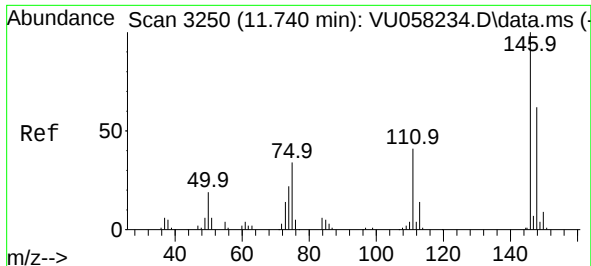
Tgt Ion:105 Resp: 74107

Ion Ratio Lower Upper

105 100

120 43.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 4.556 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

ClientSampleId :

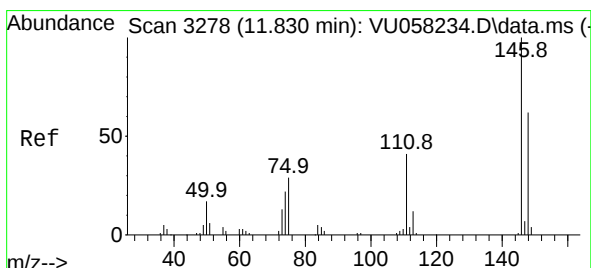
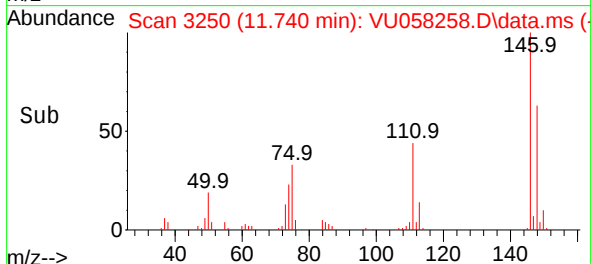
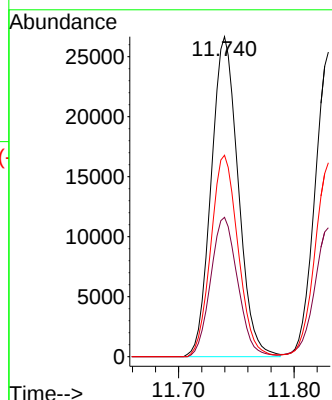
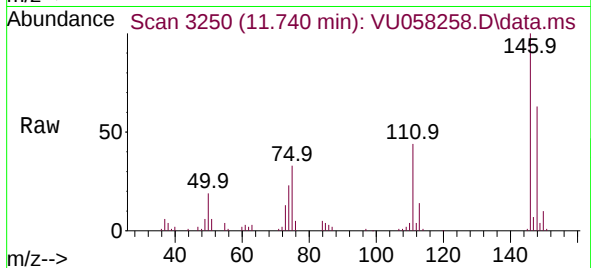
Tgt Ion:146 Resp: 43302

Ion Ratio Lower Upper

146 100

111 43.6 29.9 55.5

148 63.0 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 4.610 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

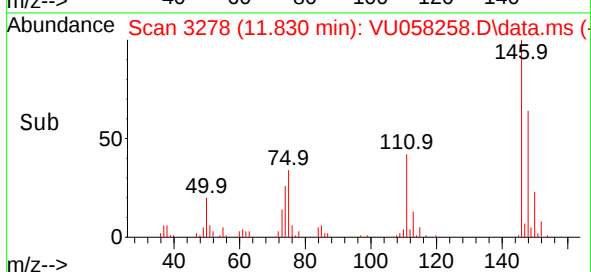
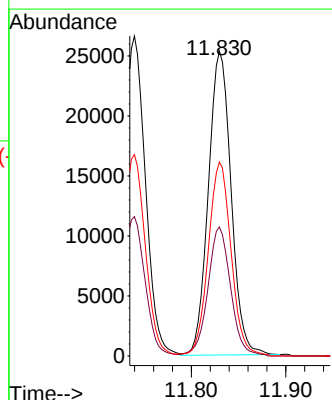
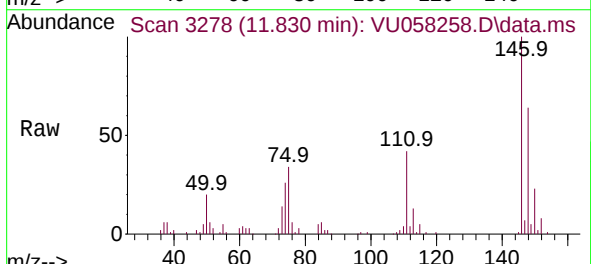
Tgt Ion:146 Resp: 42347

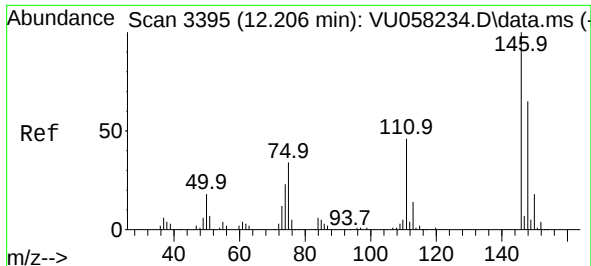
Ion Ratio Lower Upper

146 100

111 42.4 29.0 53.8

148 63.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.704 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

Instrument :

MSVOA_U

ClientSampleId :

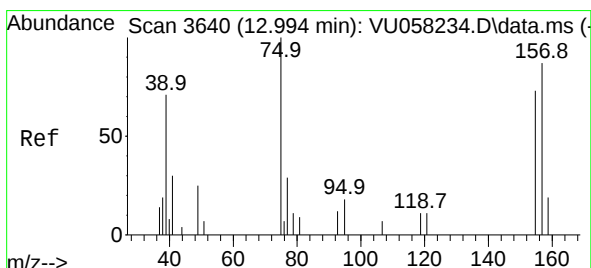
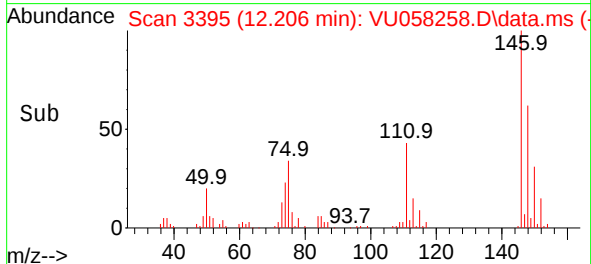
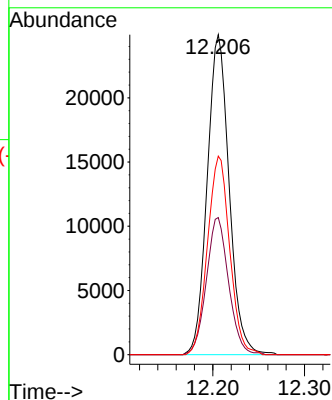
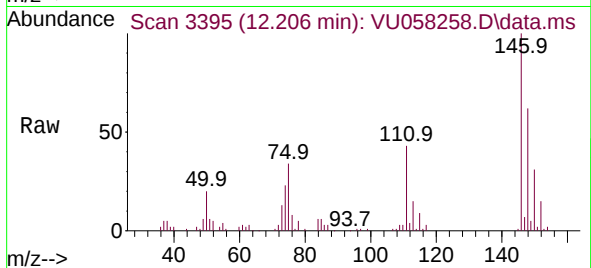
Tgt Ion:146 Resp: 41344

Ion Ratio Lower Upper

146 100

111 42.8 35.9 53.9

148 62.1 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.362 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU058258.D

Acq: 28 Mar 2024 22:57

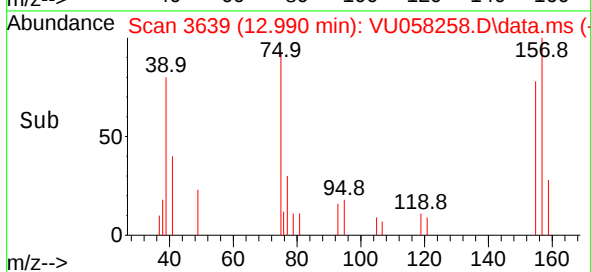
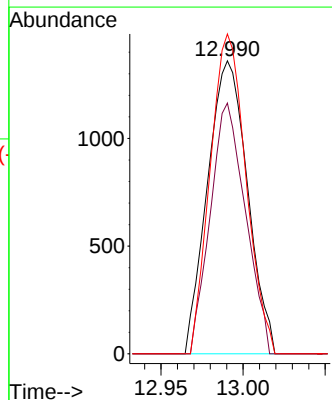
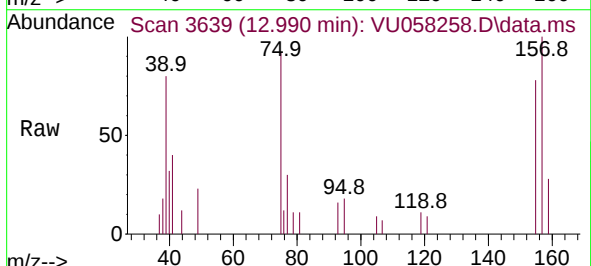
Tgt Ion: 75 Resp: 2300

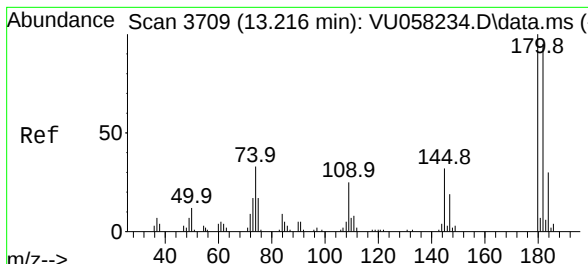
Ion Ratio Lower Upper

75 100

155 85.6 60.2 90.2

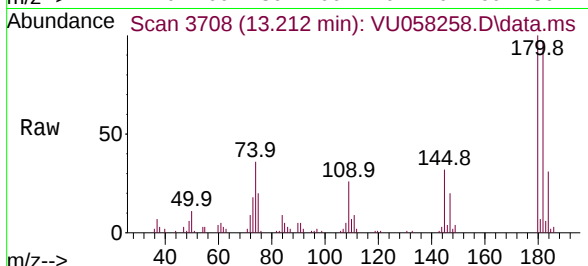
157 109.2 82.6 123.8





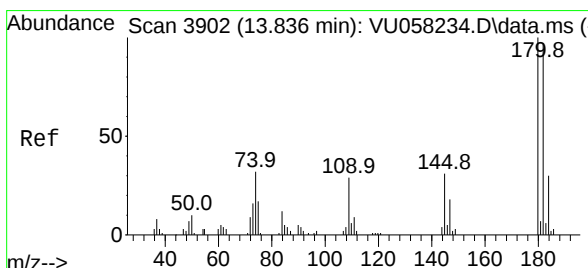
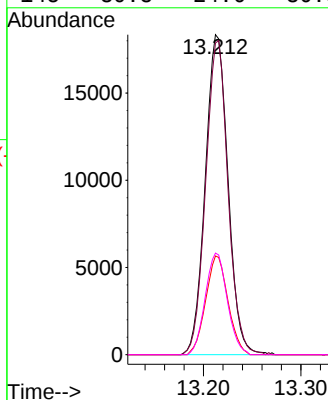
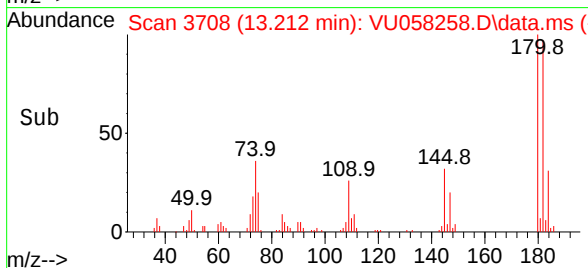
#69
 1,3,5-Trichlorobenzene
 Concen: 4.476 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU058258.D
 Acq: 28 Mar 2024 22:57

Instrument :
 MSVOA_U
 ClientSampleId :

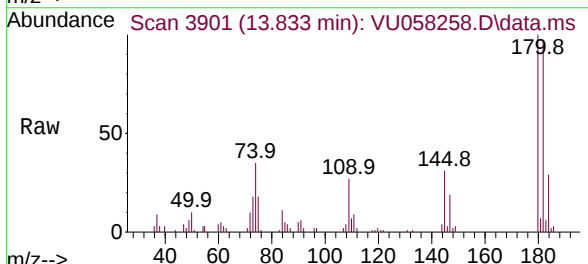


Tgt Ion:180 Resp: 29742

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.4	113.0
184	30.2	24.8	37.2
145	30.8	24.6	36.8

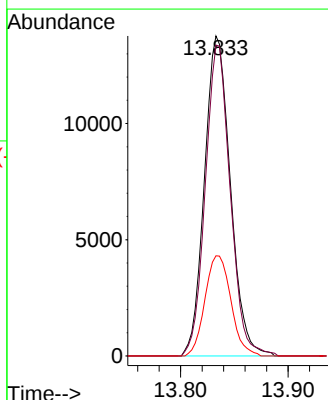
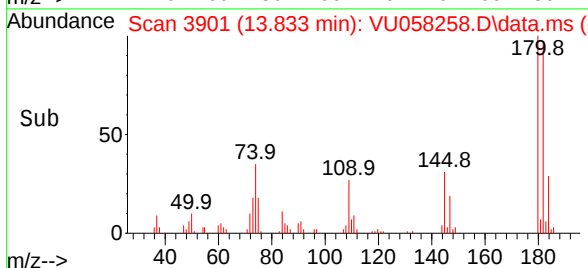


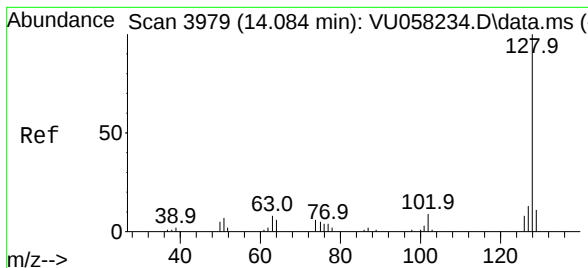
#70
 1,2,4-trichlorobenzene
 Concen: 4.657 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU058258.D
 Acq: 28 Mar 2024 22:57



Tgt Ion:180 Resp: 23083

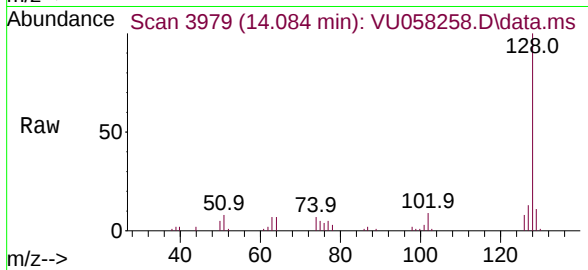
Ion	Ratio	Lower	Upper
180	100		
182	93.3	74.5	111.7
145	31.3	24.5	36.7



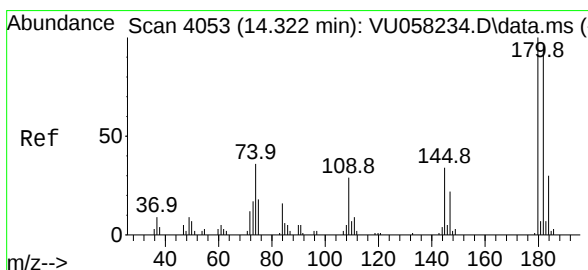
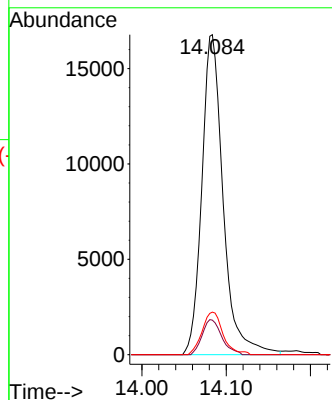
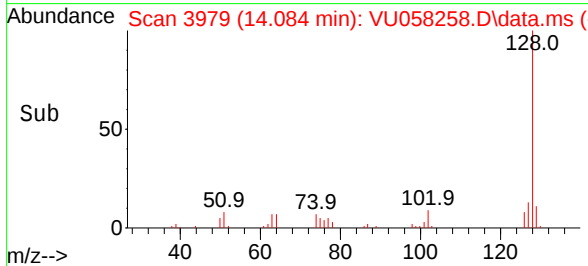


#71
Naphthalene
Concen: 4.382 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57

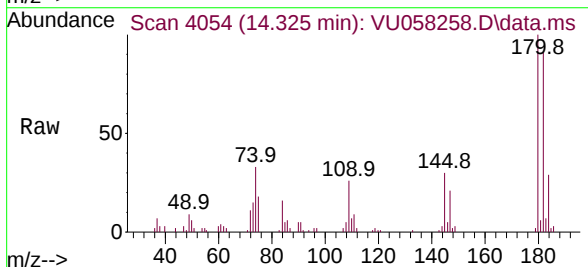
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 29582
Ion Ratio Lower Upper
128 100
129 10.0 8.1 12.1
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.867 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU058258.D
Acq: 28 Mar 2024 22:57



Tgt Ion:180 Resp: 19753
Ion Ratio Lower Upper
180 100
182 93.2 74.4 111.6
145 31.0 26.3 39.5

