

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058234.D
 Acq On : 28 Mar 2024 12:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:05:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 28 04:46:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68258	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65057	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31127	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22463	3.894	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	22140	4.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.560	65	9607	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.628	46	55200	53.866	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.740%
24) Chloroform-d	5.055	84	50174	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	23729	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	94100	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	29976	4.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.891	98	81224	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.174	79	8653	4.336	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	40147	49.680	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20566	5.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	26731	4.612	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	12480	4.439	ug/L	100
3) Chloromethane	1.515	50	15183	4.237	ug/L	99
5) Vinyl chloride	1.599	62	17491	4.470	ug/L	99
6) Bromomethane	1.856	94	10127	4.825	ug/L	96
8) Chloroethane	1.930	64	13816	5.354	ug/L	99
9) Trichlorofluoromethane	2.136	101	30663	4.821	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	19370	4.746	ug/L	95
12) 1,1-Dichloroethene	2.576	96	15837	4.628	ug/L	88
13) Acetone	2.647	43	30026	45.273	ug/L	100
14) Carbon disulfide	2.788	76	30798	4.028	ug/L	100
15) Methyl Acetate	2.956	43	6587	4.785	ug/L	96
16) Methylene chloride	3.039	84	23336	4.812	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	43338	4.719	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	16718	4.675	ug/L	97
19) 1,1-Dichloroethane	3.862	63	40767	5.074	ug/L	99
21) 2-Butanone	4.708	43	45779	45.434	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	21341	4.829	ug/L	99
23) Bromochloromethane	4.968	128	8581	5.204	ug/L	97
25) Chloroform	5.078	83	42462	5.039	ug/L	97

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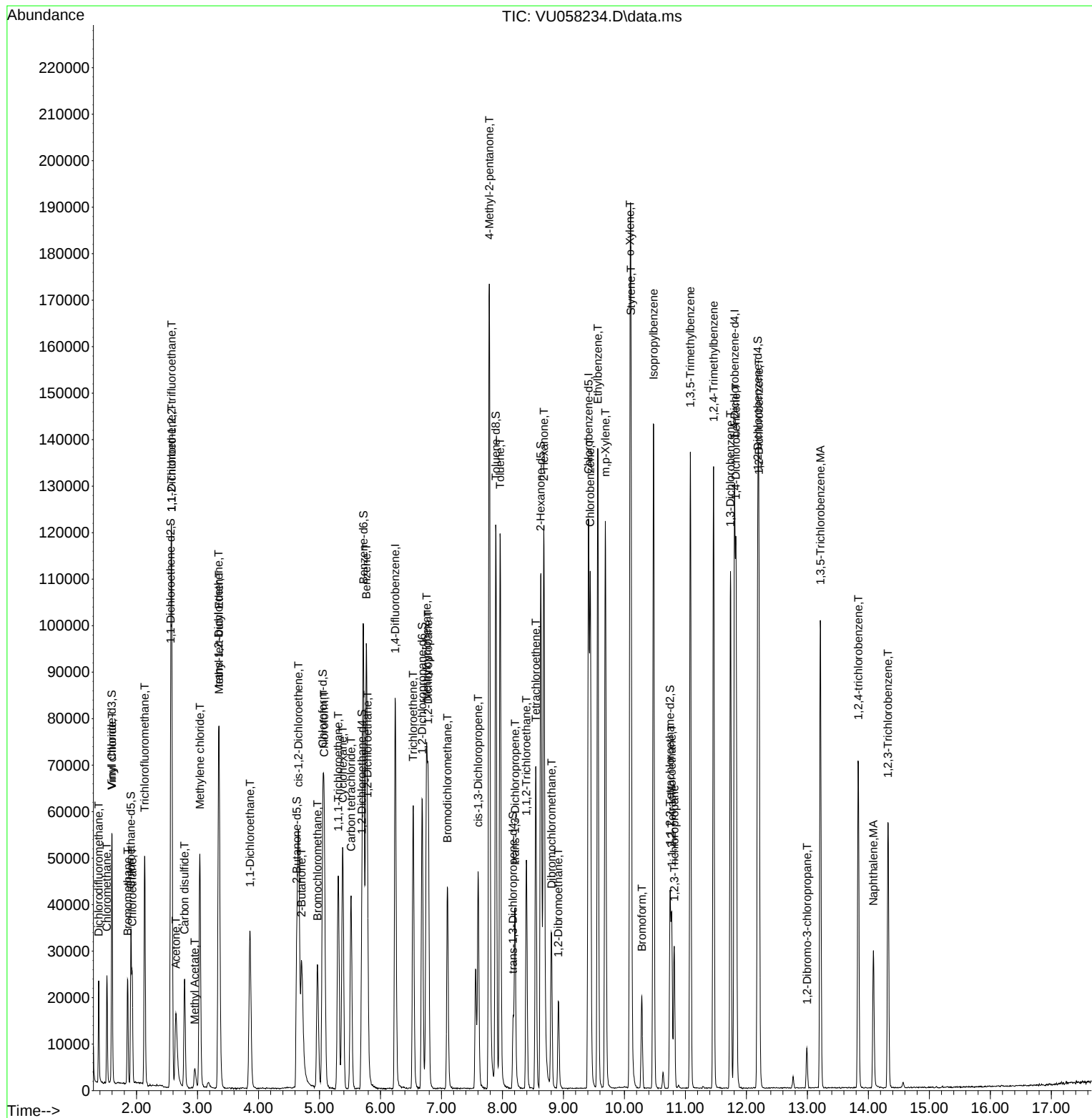
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	24334	5.086	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	33028	4.910	ug/L	98
30) Cyclohexane	5.380	56	25109	4.274	ug/L	98
31) Carbon tetrachloride	5.518	117	27906	4.873	ug/L	98
33) Benzene	5.769	78	82717	4.841	ug/L	100
34) Trichloroethene	6.537	95	21150	4.751	ug/L	98
35) Methylcyclohexane	6.756	83	26158	4.213	ug/L	99
37) 1,2-Dichloropropane	6.782	63	23001	4.819	ug/L	99
38) Bromodichloromethane	7.097	83	28523	5.213	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	27859	4.602	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	118517	49.104	ug/L	98
42) Toluene	7.962	91	86433	4.787	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	22293	4.680	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	15210	5.059	ug/L	95
47) Tetrachloroethene	8.547	164	14335	4.808	ug/L	97
48) 2-Hexanone	8.679	43	83106	47.282	ug/L	98
49) Dibromochloromethane	8.804	129	17201	5.229	ug/L	95
50) 1,2-Dibromoethane	8.917	107	12904	4.986	ug/L	100
51) Chlorobenzene	9.441	112	56434	4.852	ug/L	100
52) Ethylbenzene	9.563	91	95236	4.724	ug/L	97
53) m,p-Xylene	9.688	106	34690	4.830	ug/L	99
54) o-Xylene	10.094	106	34820	4.802	ug/L	100
55) Styrene	10.110	104	56976	4.977	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	17804	5.024	ug/L	99
59) Bromoform	10.287	173	8906	5.448	ug/L	92
60) Isopropylbenzene	10.479	105	90833	4.857	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	12742	4.888	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	74706	4.760	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	73982	4.747	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	43769	5.026	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	41176	4.892	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	39723	4.932	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	2415	6.144	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	29850	4.902	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	21141	4.654	ug/L	96
71) Naphthalene	14.084	128	25554	4.131	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	17739	4.770	ug/L	99

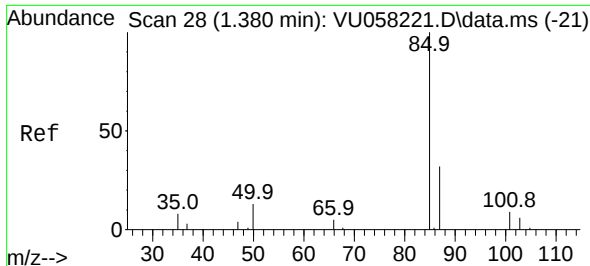
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

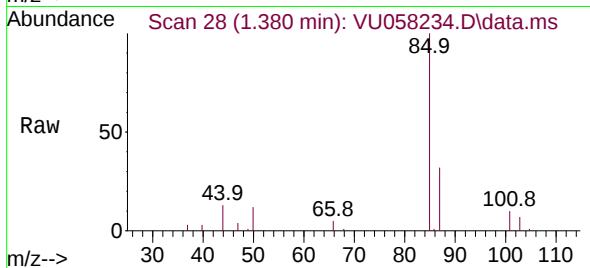
Quant Time: Mar 29 01:05:30 2024
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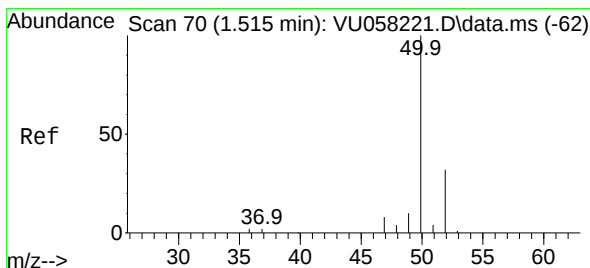
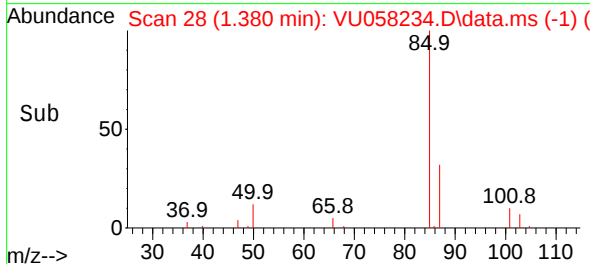
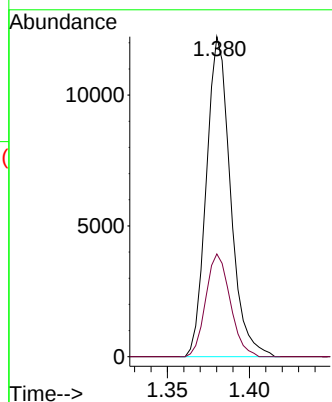


#2
 Dichlorodifluoromethane
 Concen: 4.439 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU058234.D
 Acq: 28 Mar 2024 12:32

Instrument :
 MSVOA_U
 ClientSampleId :

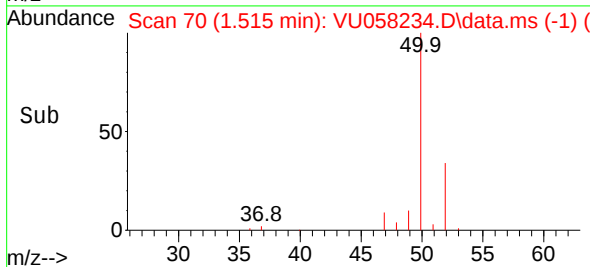
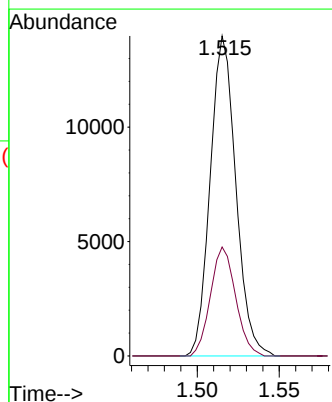
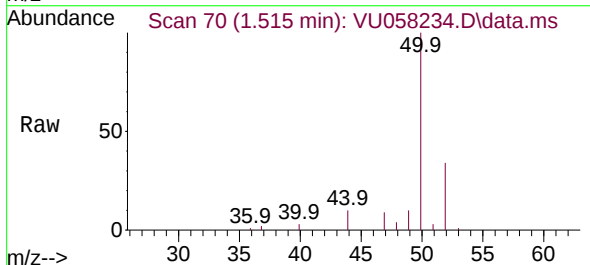


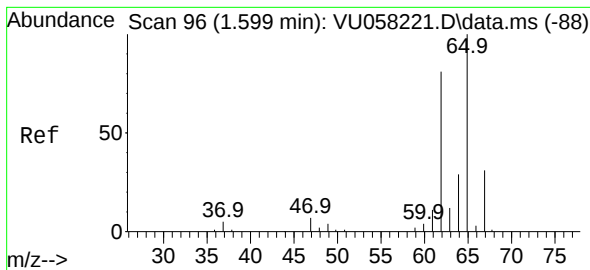
Tgt Ion: 85 Resp: 12480
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 4.237 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058234.D
 Acq: 28 Mar 2024 12:32

Tgt Ion: 50 Resp: 15183
 Ion Ratio Lower Upper
 50 100
 52 34.1 24.2 45.0





#5

Vinyl chloride

Concen: 4.470 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

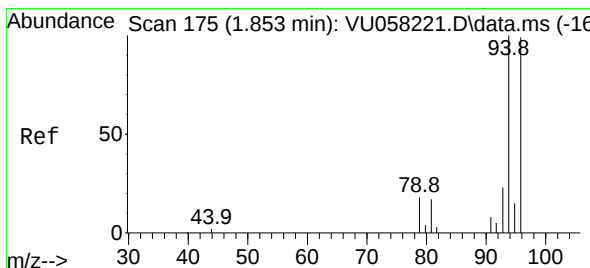
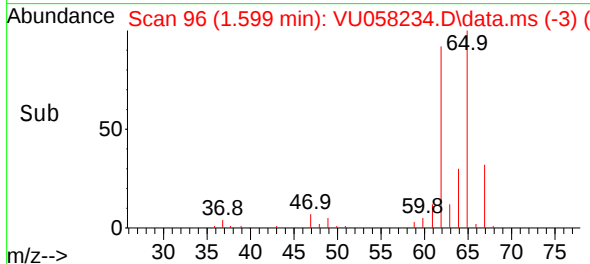
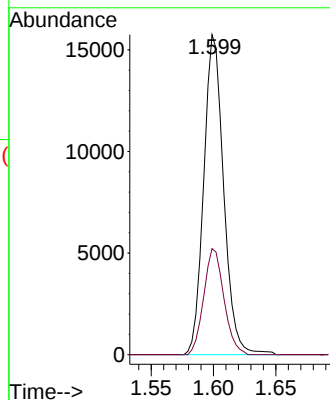
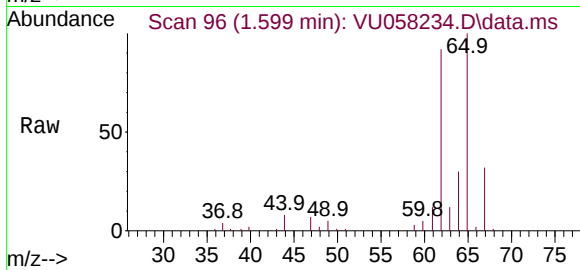
ClientSampleId :

Tgt Ion: 62 Resp: 17491

Ion Ratio Lower Upper

62 100

64 33.1 23.4 43.6



#6

Bromomethane

Concen: 4.825 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU058234.D

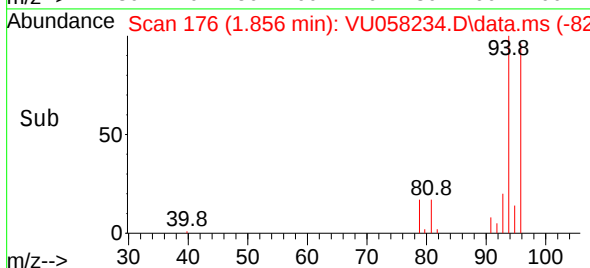
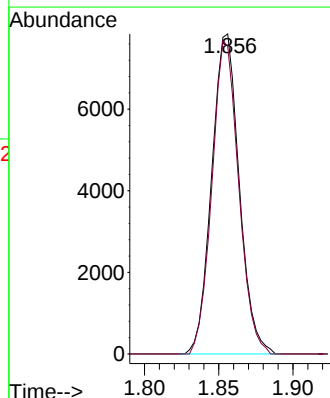
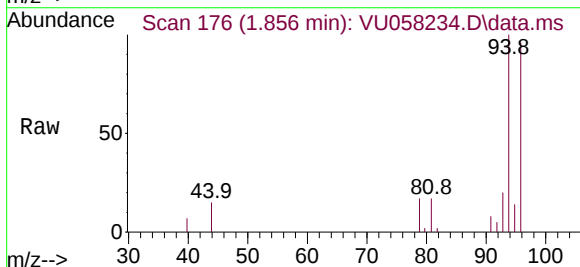
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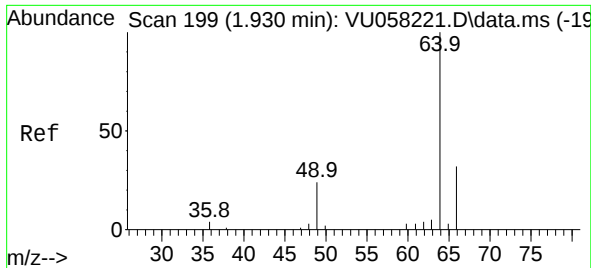
Tgt Ion: 94 Resp: 10127

Ion Ratio Lower Upper

94 100

96 96.2 64.8 120.4

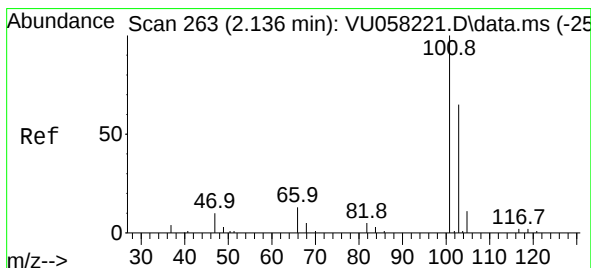
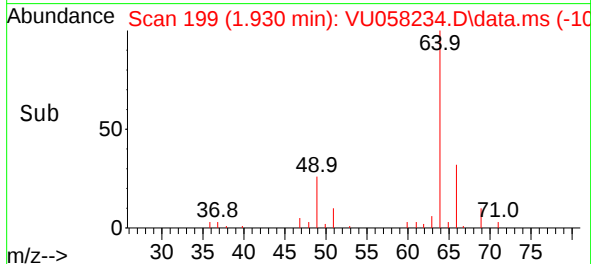
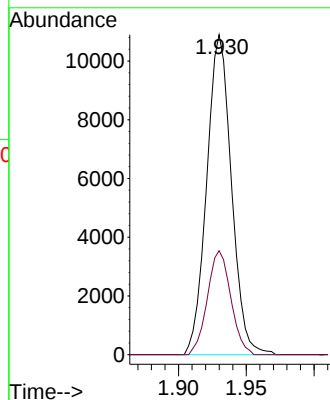
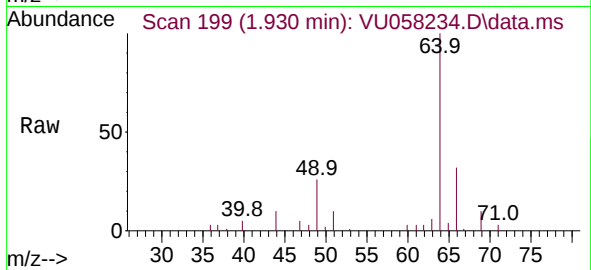




#8
Chloroethane
Concen: 5.354 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

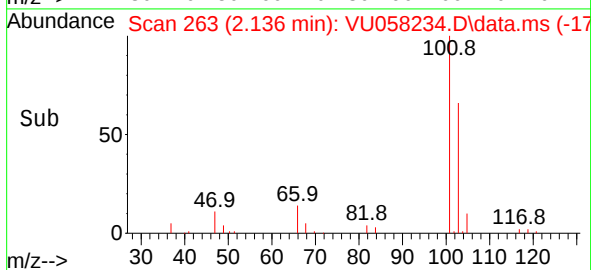
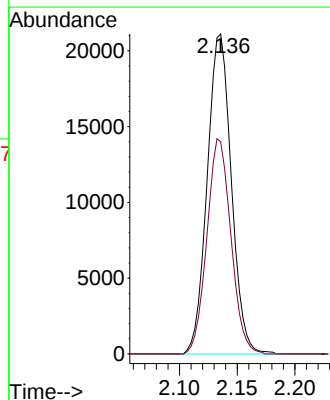
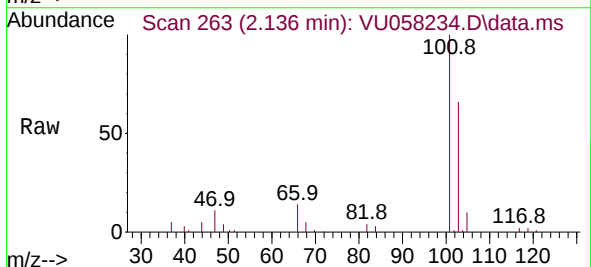
Instrument :
MSVOA_U
ClientSampleId :

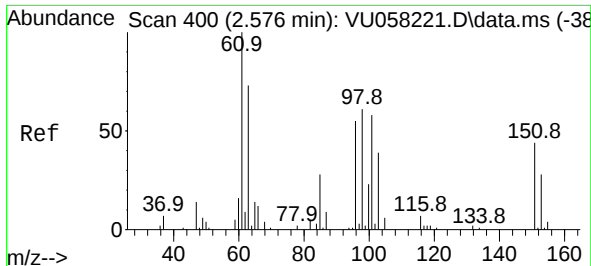
Tgt Ion: 64 Resp: 13816
Ion Ratio Lower Upper
64 100
66 32.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.821 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Tgt Ion:101 Resp: 30663
Ion Ratio Lower Upper
101 100
103 67.0 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.746 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

ClientSampleId :

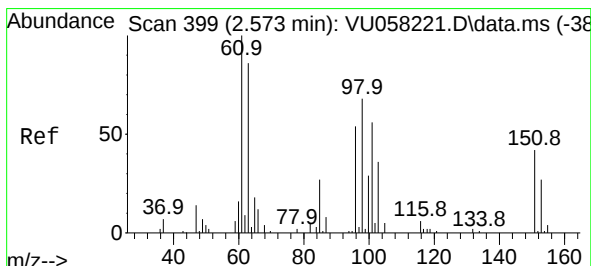
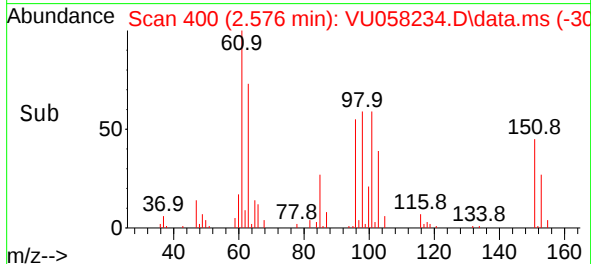
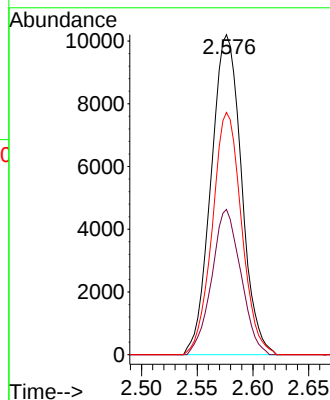
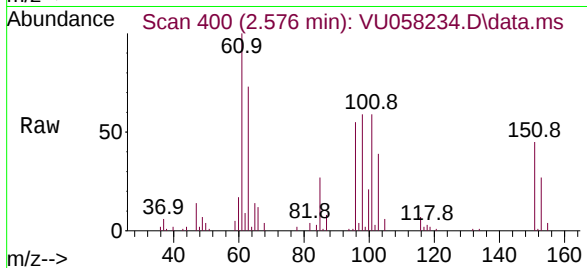
Tgt Ion:101 Resp: 19370

Ion Ratio Lower Upper

101 100

85 43.5 37.9 56.9

151 72.9 55.3 82.9



#12

1,1-Dichloroethene

Concen: 4.628 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

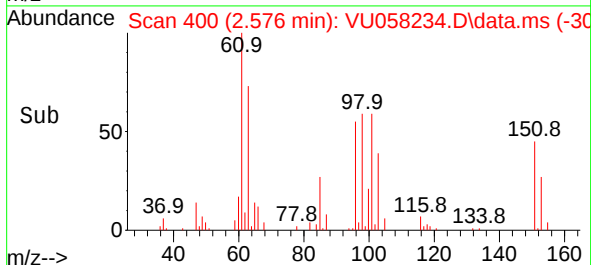
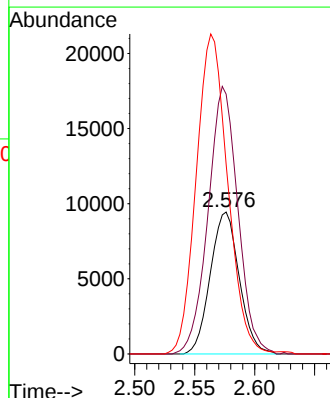
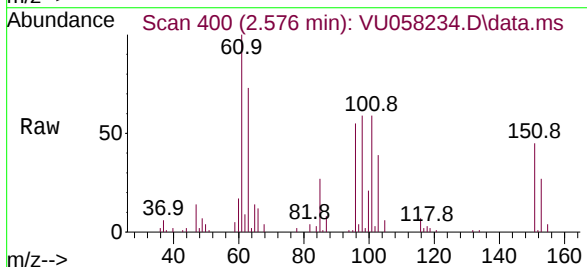
Tgt Ion: 96 Resp: 15837

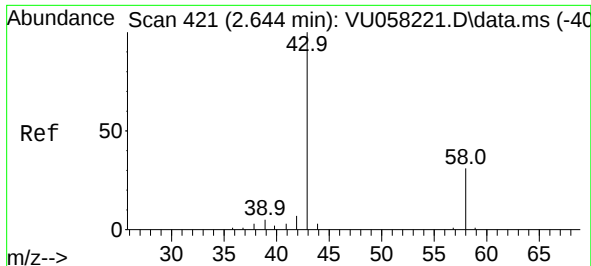
Ion Ratio Lower Upper

96 100

61 183.1 128.1 237.9

63 133.8 116.8 217.0





#13

Acetone

Concen: 45.273 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

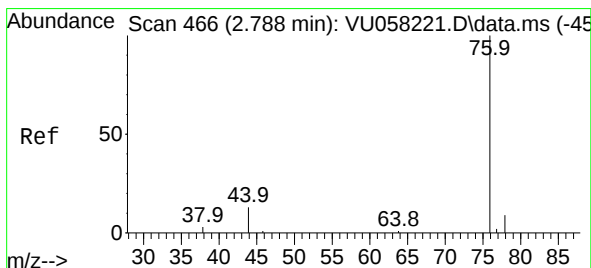
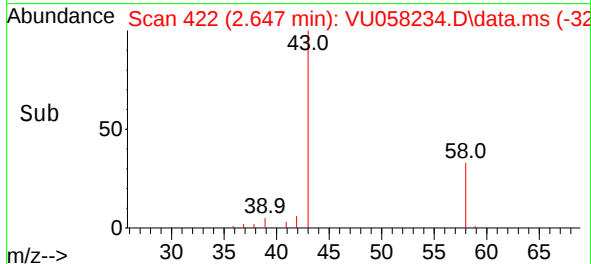
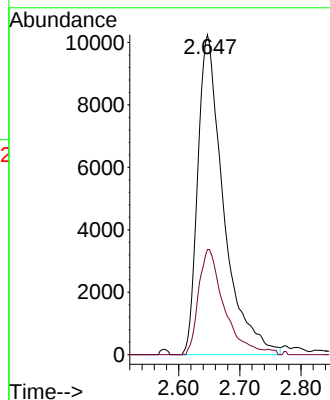
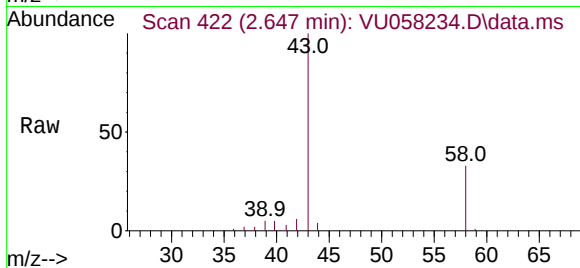
ClientSampleId :

Tgt Ion: 43 Resp: 30026

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.6



#14

Carbon disulfide

Concen: 4.028 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058234.D

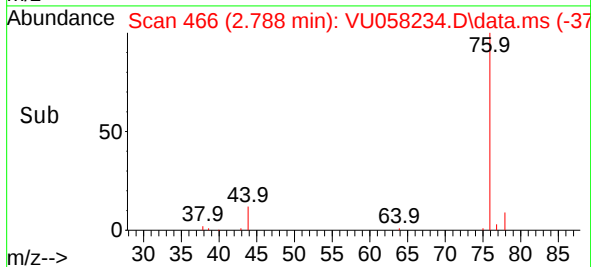
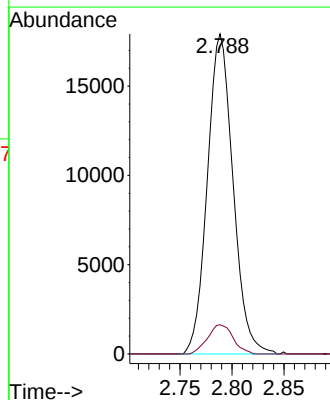
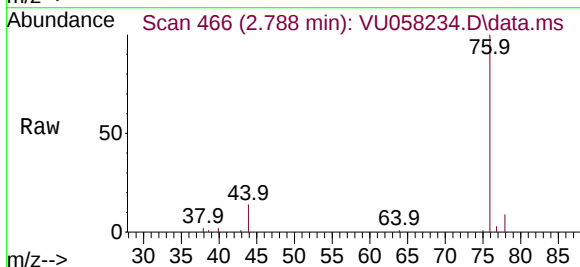
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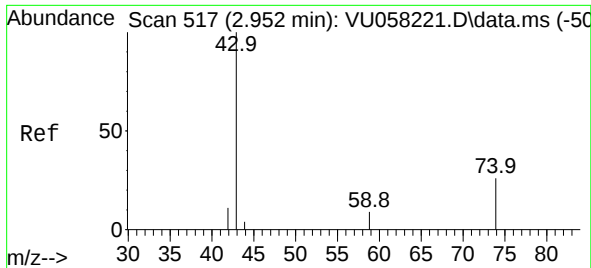
Tgt Ion: 76 Resp: 30798

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





#15

Methyl Acetate

Concen: 4.785 ug/L

RT: 2.956 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

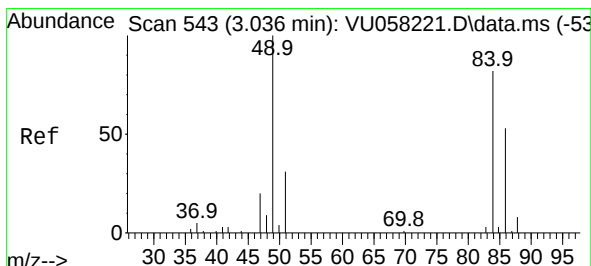
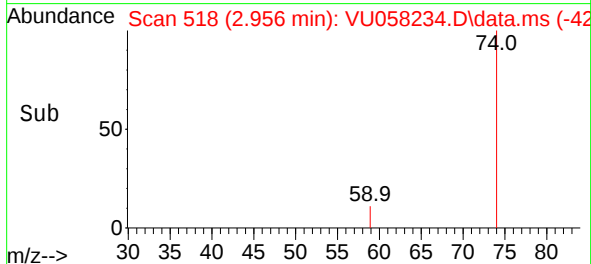
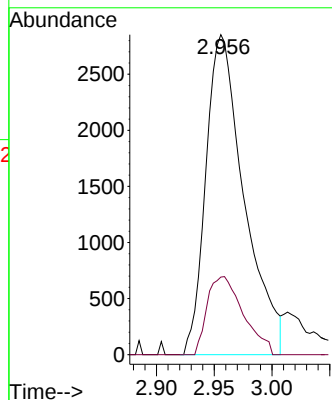
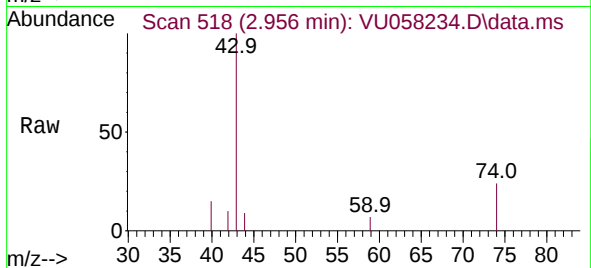
ClientSampleId :

Tgt Ion: 43 Resp: 6587

Ion Ratio Lower Upper

43 100

74 23.0 16.8 25.2



#16

Methylene chloride

Concen: 4.812 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

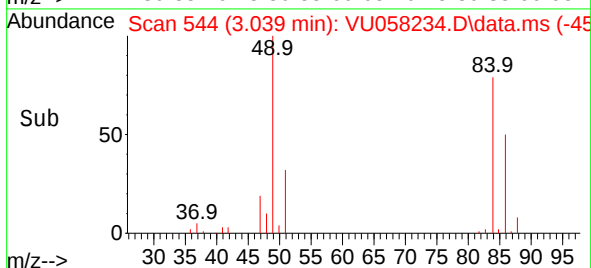
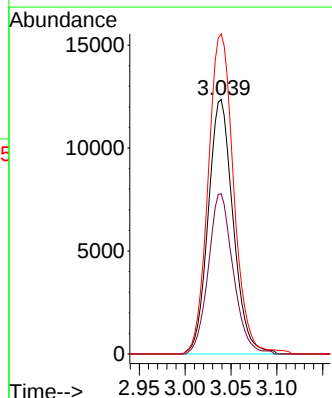
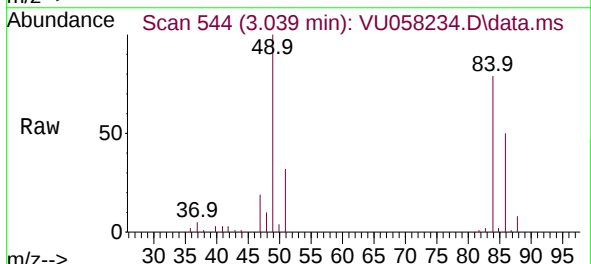
Tgt Ion: 84 Resp: 23336

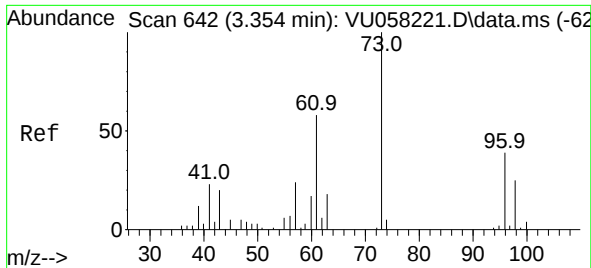
Ion Ratio Lower Upper

84 100

86 63.0 45.6 84.6

49 125.8 88.3 163.9

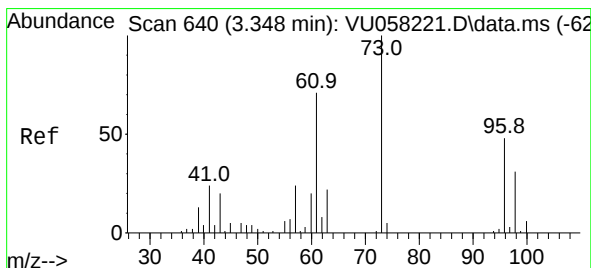
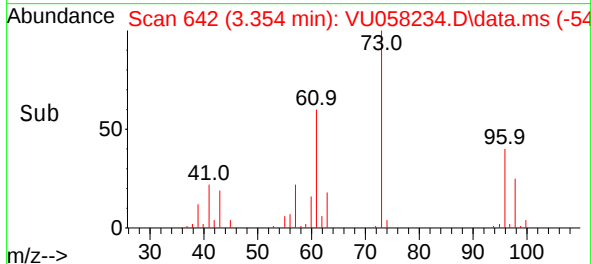
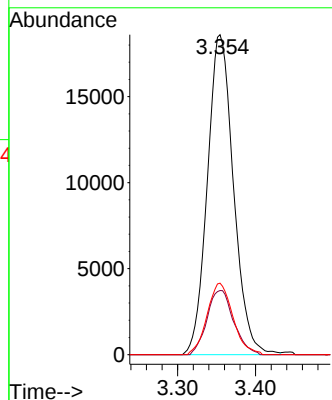
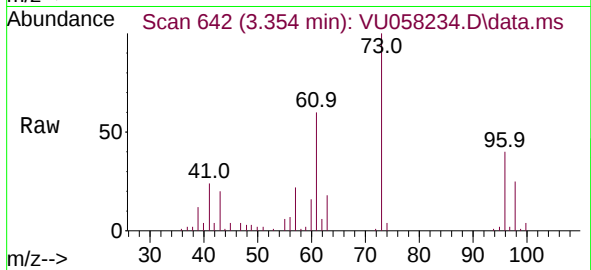




#17
Methyl tert-butyl Ether
Concen: 4.719 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

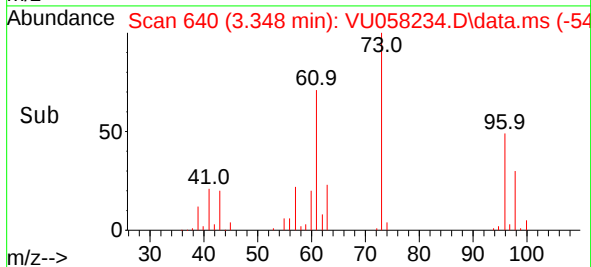
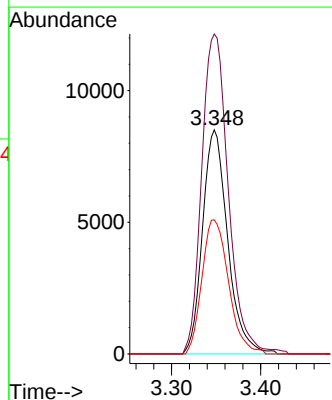
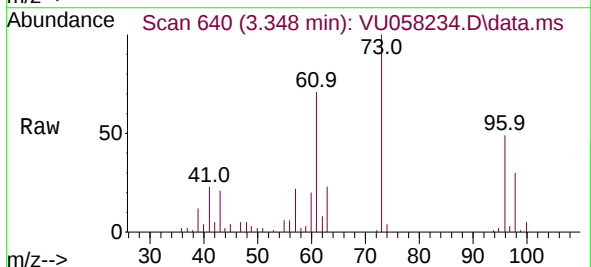
Instrument :
MSVOA_U
ClientSampleId :

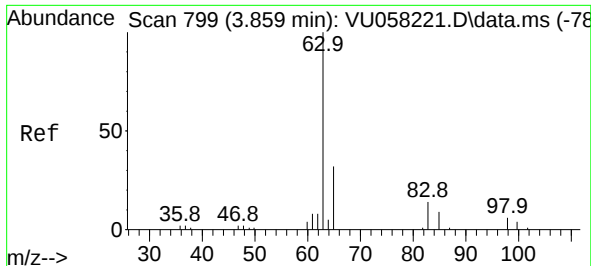
Tgt Ion: 73 Resp: 43338
Ion Ratio Lower Upper
73 100
43 20.4 15.5 23.3
57 22.1 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.675 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Tgt Ion: 96 Resp: 16718
Ion Ratio Lower Upper
96 100
61 142.7 102.5 190.3
98 59.8 44.0 81.8

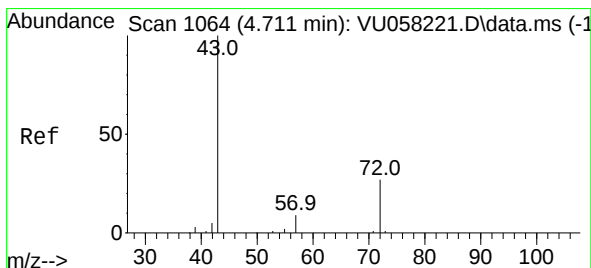
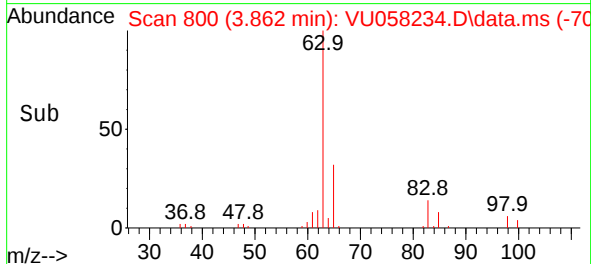
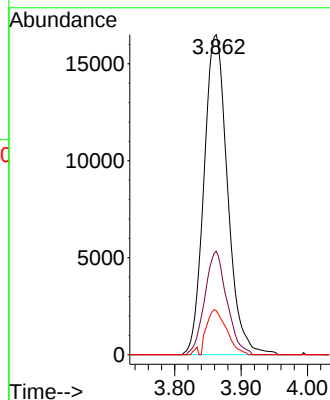
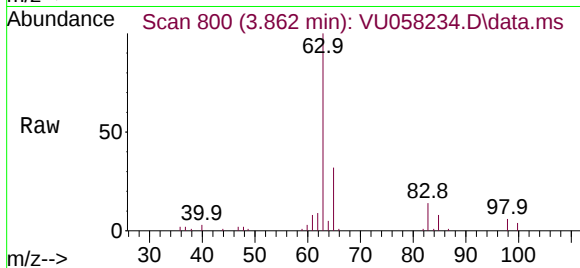




#19
1,1-Dichloroethane
Concen: 5.074 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

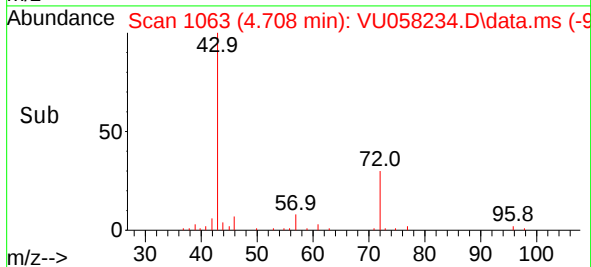
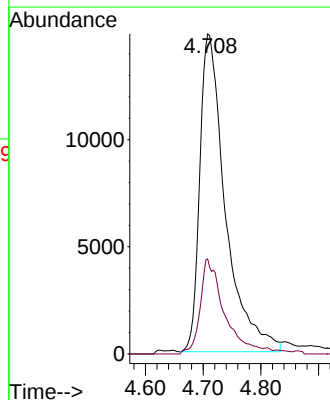
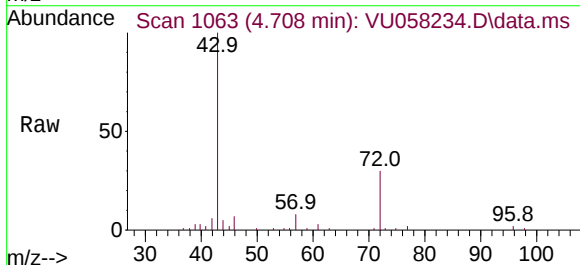
Instrument :
MSVOA_U
ClientSampleId :

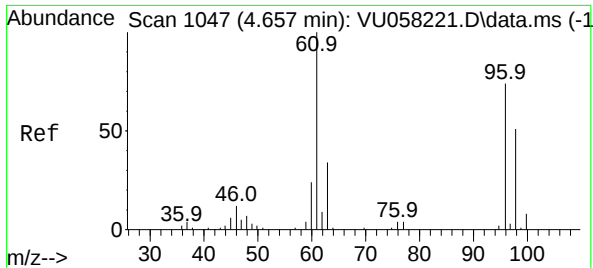
Tgt Ion: 63 Resp: 40767
Ion Ratio Lower Upper
63 100
65 32.3 22.3 41.5
83 13.8 10.0 18.6



#21
2-Butanone
Concen: 45.434 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Tgt Ion: 43 Resp: 45779
Ion Ratio Lower Upper
43 100
72 27.7 14.0 41.9



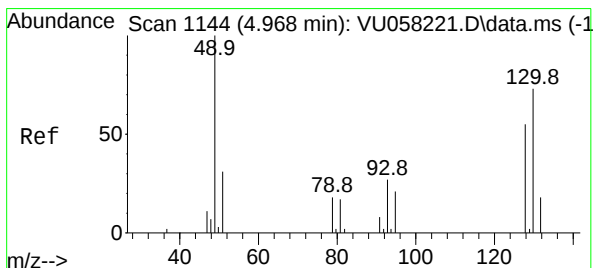
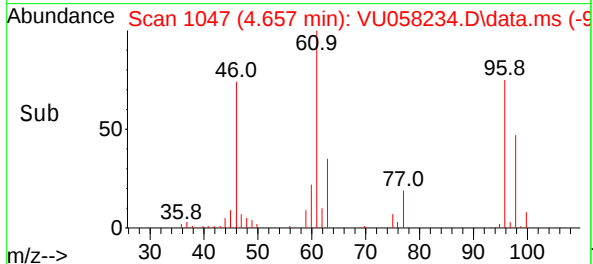
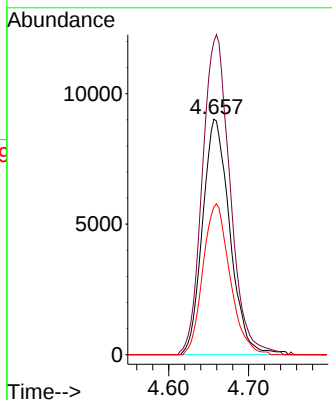
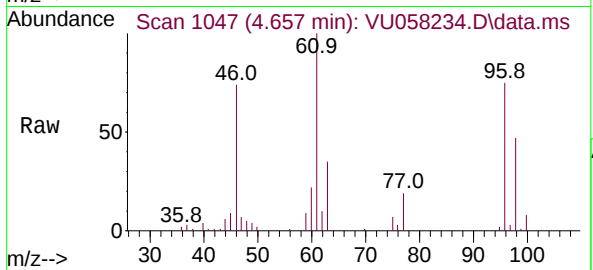


#22
 cis-1,2-Dichloroethene
 Concen: 4.829 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058234.D
 Acq: 28 Mar 2024 12:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 21341

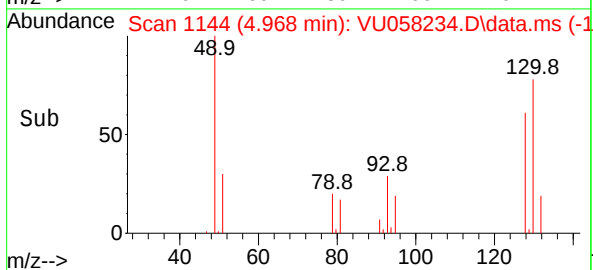
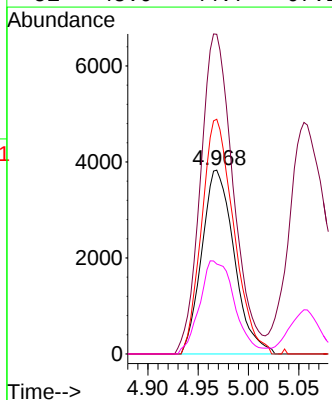
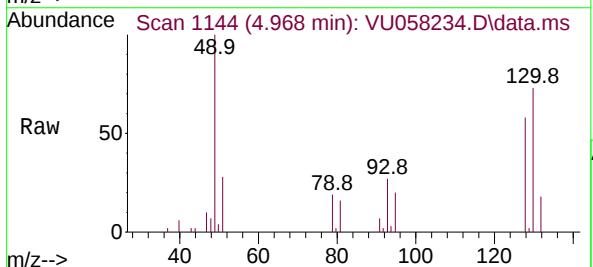
Ion	Ratio	Lower	Upper
96	100		
61	133.0	92.8	172.4
98	62.7	43.2	80.2

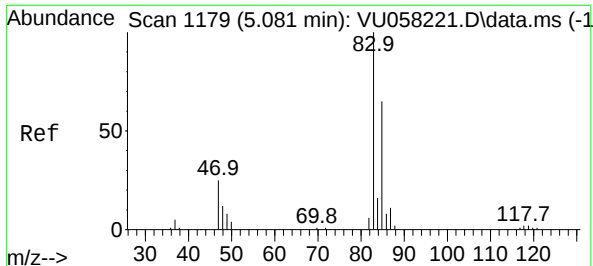


#23
 Bromochloromethane
 Concen: 5.204 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU058234.D
 Acq: 28 Mar 2024 12:32

Tgt Ion: 128 Resp: 8581

Ion	Ratio	Lower	Upper
128	100		
49	180.1	125.0	232.2
130	127.6	92.3	171.5
51	48.9	44.7	67.1





#25

Chloroform

Concen: 5.039 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

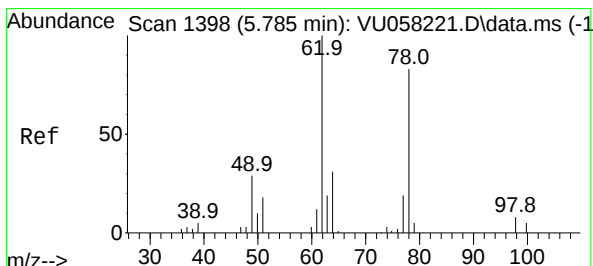
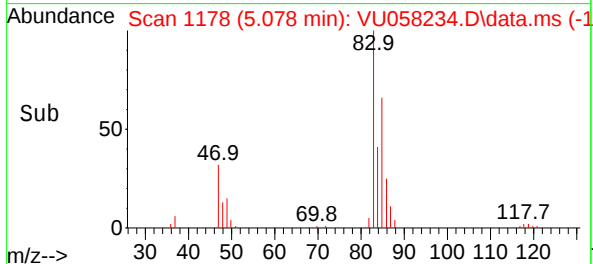
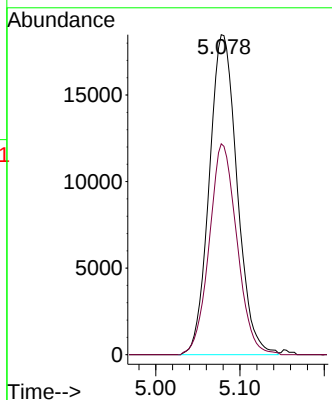
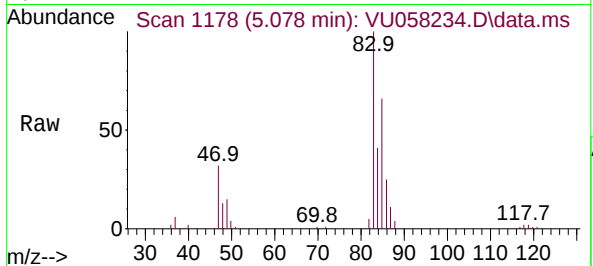
ClientSampleId :

Tgt Ion: 83 Resp: 42462

Ion Ratio Lower Upper

83 100

85 65.9 47.9 88.9



#27

1,2-Dichloroethane

Concen: 5.086 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU058234.D

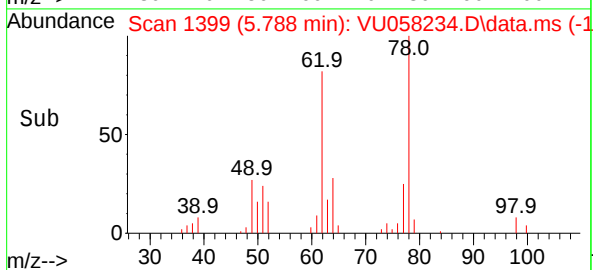
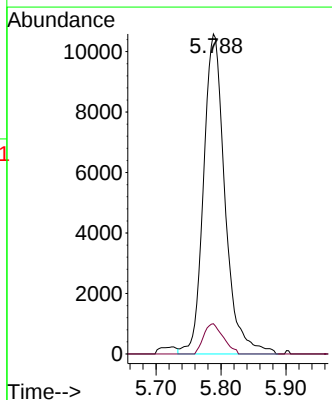
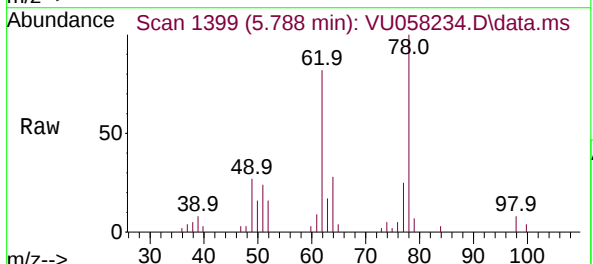
Acq: 28 Mar 2024 12:32

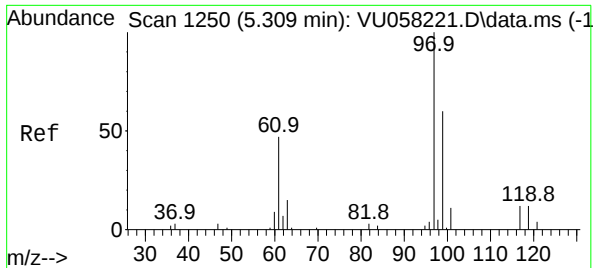
Tgt Ion: 62 Resp: 24334

Ion Ratio Lower Upper

62 100

98 9.5 6.6 10.0

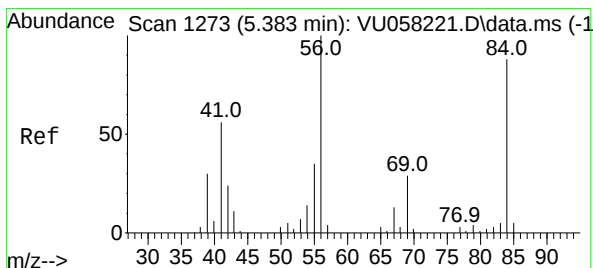
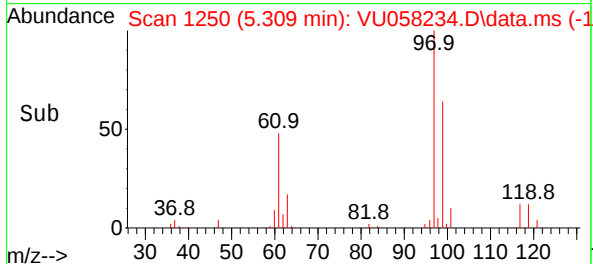
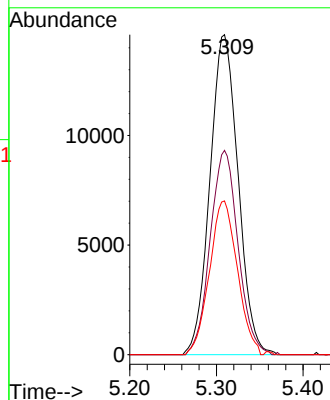
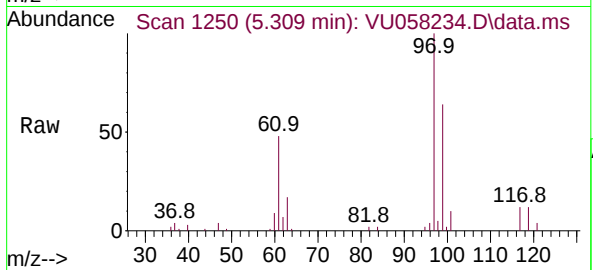




#29
1,1,1-Trichloroethane
Concen: 4.910 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

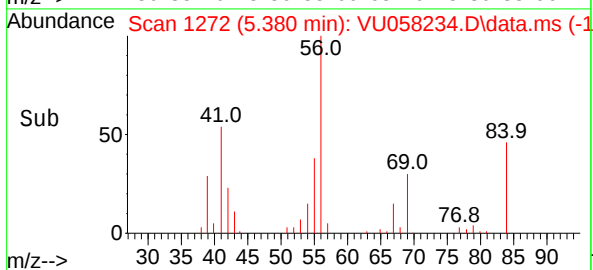
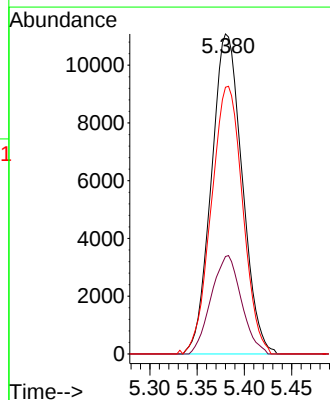
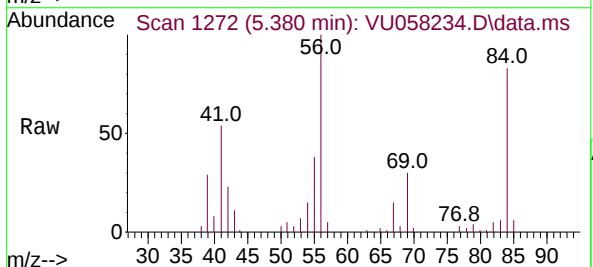
Instrument :
MSVOA_U
ClientSampleId :

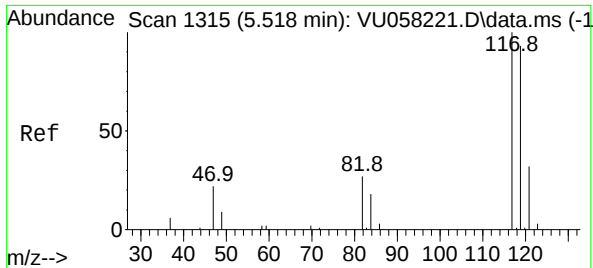
Tgt Ion: 97 Resp: 33028
Ion Ratio Lower Upper
97 100
99 63.2 50.5 75.7
61 47.7 36.3 54.5



#30
Cyclohexane
Concen: 4.274 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Tgt Ion: 56 Resp: 25109
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 85.2 69.7 104.5

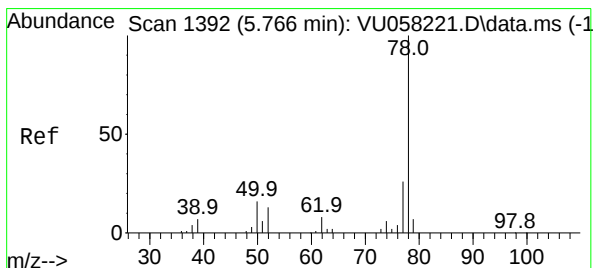
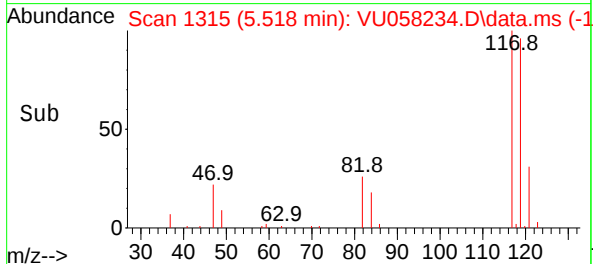
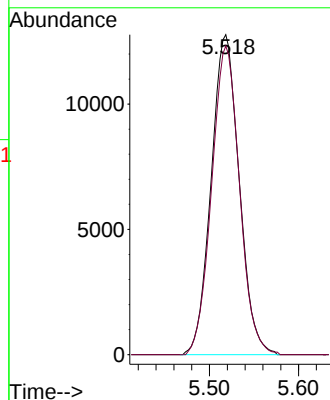
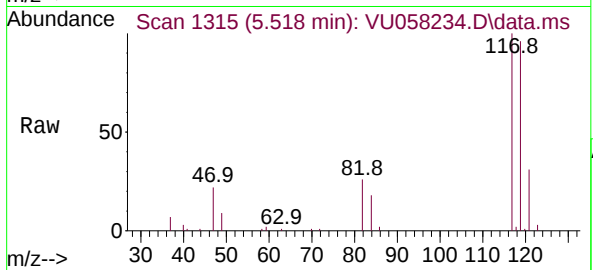




#31
Carbon tetrachloride
Concen: 4.873 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

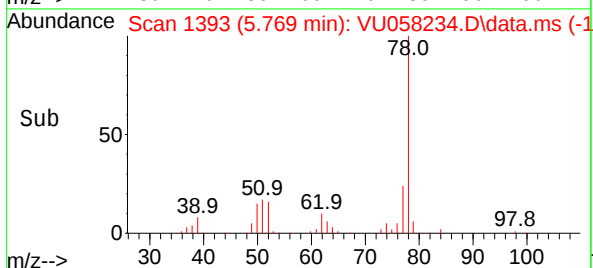
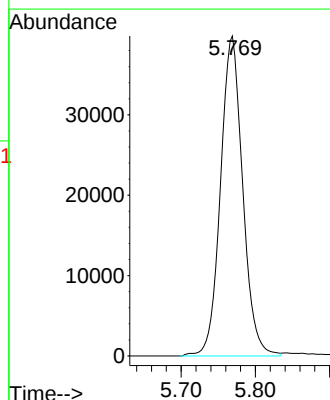
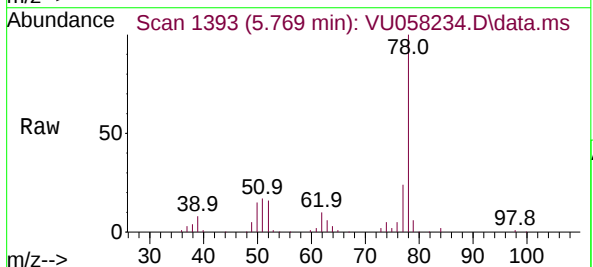
Instrument :
MSVOA_U
ClientSampleId :

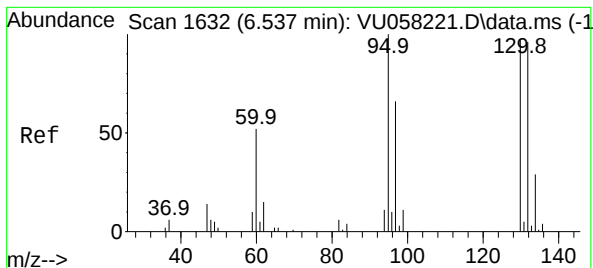
Tgt Ion:117 Resp: 27906
Ion Ratio Lower Upper
117 100
119 96.0 78.1 117.1



#33
Benzene
Concen: 4.841 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Tgt Ion: 78 Resp: 82717





#34

Trichloroethene

Concen: 4.751 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 21150

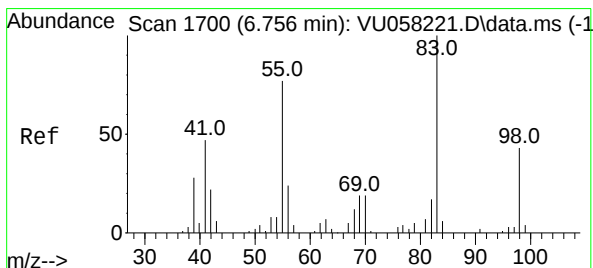
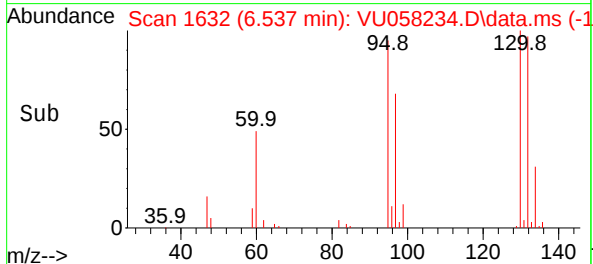
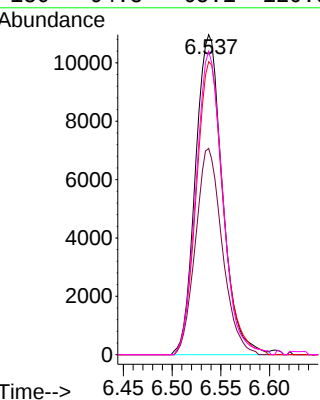
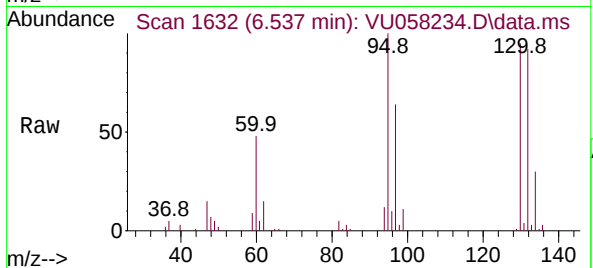
Ion Ratio Lower Upper

95 100

97 64.5 47.7 88.7

132 91.5 63.6 118.2

130 94.8 65.1 120.9



#35

Methylcyclohexane

Concen: 4.213 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

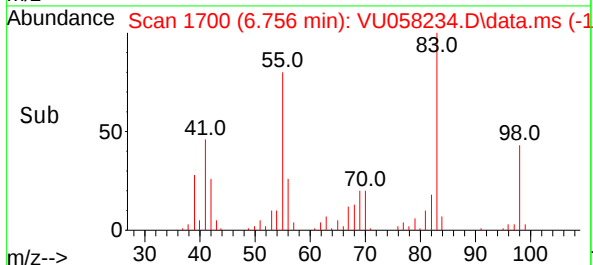
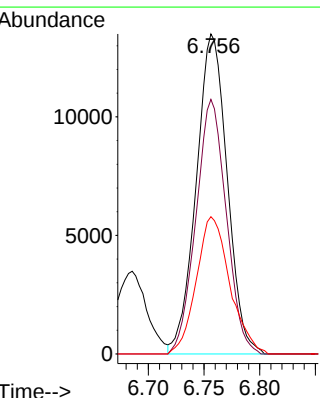
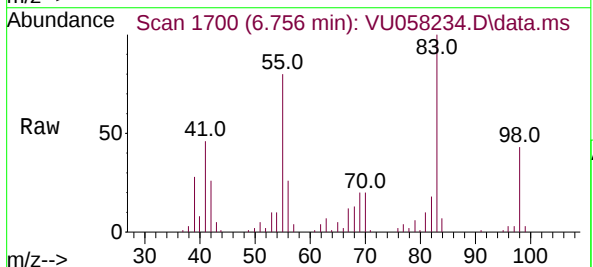
Tgt Ion: 83 Resp: 26158

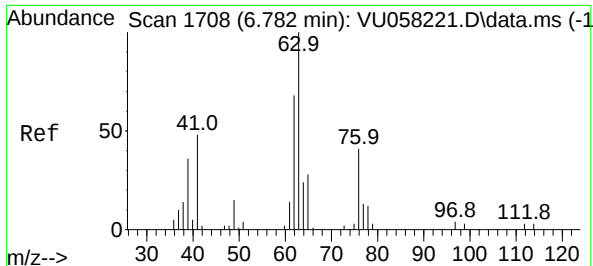
Ion Ratio Lower Upper

83 100

55 77.7 62.7 94.1

98 46.3 37.3 55.9

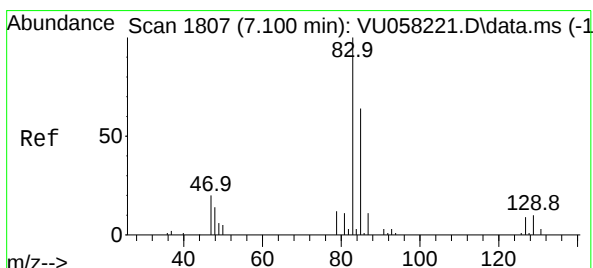
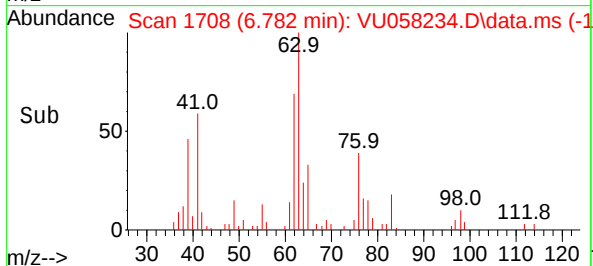
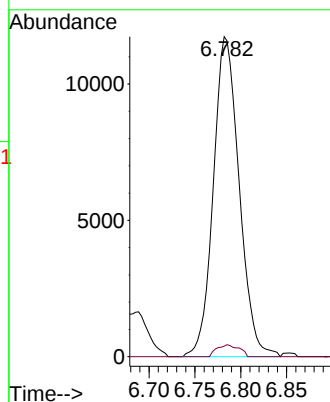
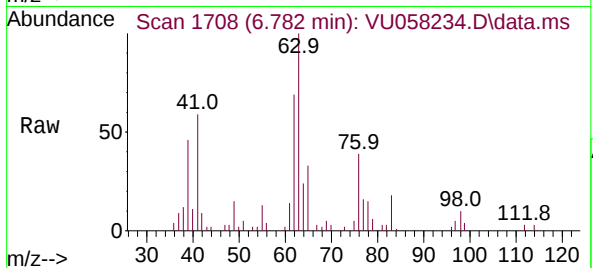




#37
1,2-Dichloropropane
Concen: 4.819 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

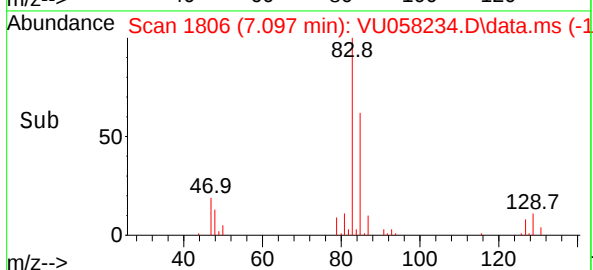
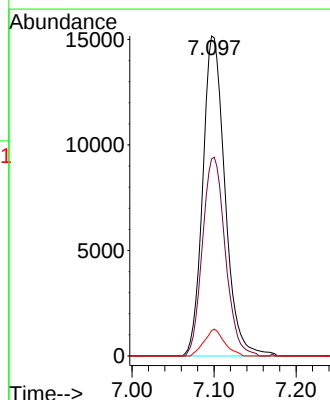
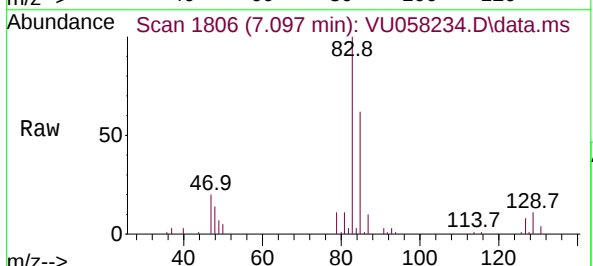
Instrument :
MSVOA_U
ClientSampleId :

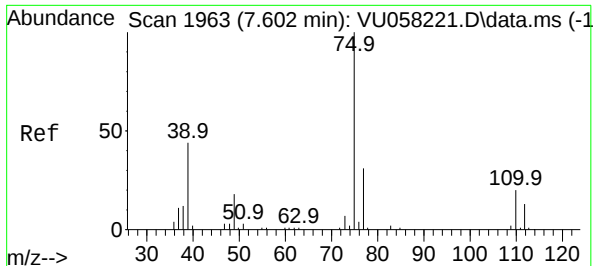
Tgt Ion: 63 Resp: 23001
Ion Ratio Lower Upper
63 100
112 3.2 2.7 4.1



#38
Bromodichloromethane
Concen: 5.213 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Tgt Ion: 83 Resp: 28523
Ion Ratio Lower Upper
83 100
85 61.5 45.6 84.8
127 7.9 7.1 10.7

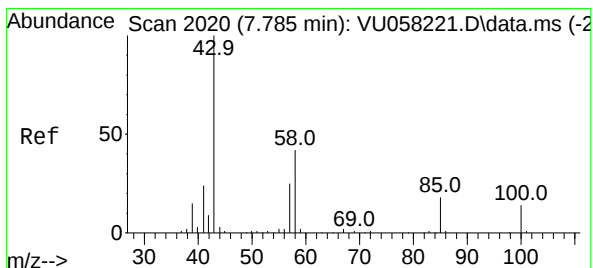
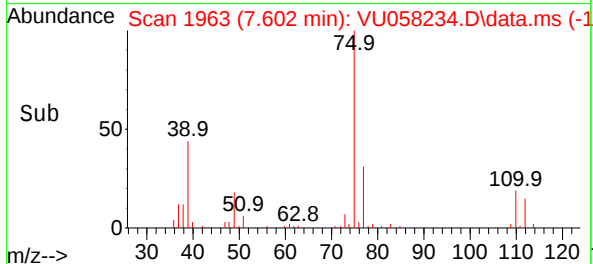
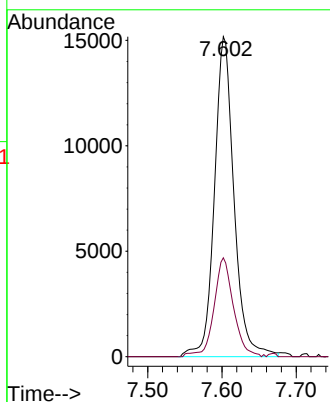
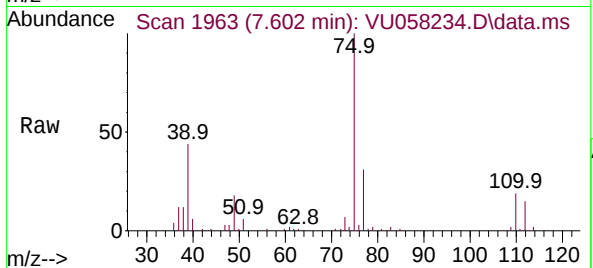




#39
 cis-1,3-Dichloropropene
 Concen: 4.602 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058234.D
 Acq: 28 Mar 2024 12:32

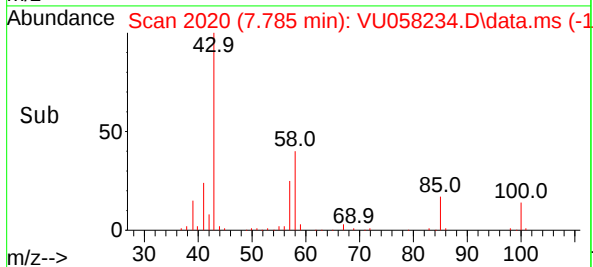
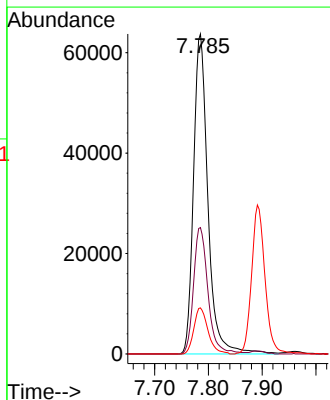
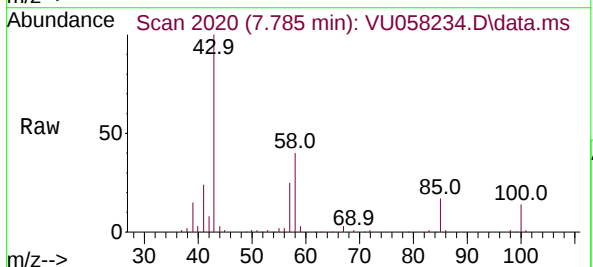
Instrument :
 MSVOA_U
 ClientSampleId :

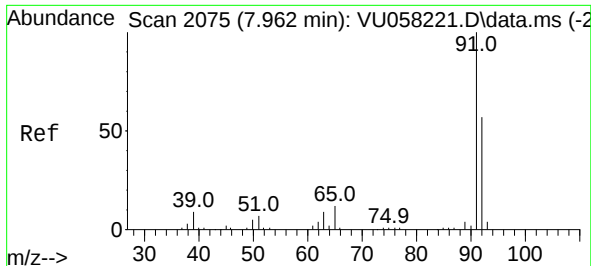
Tgt Ion: 75 Resp: 27859
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 49.104 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU058234.D
 Acq: 28 Mar 2024 12:32

Tgt Ion: 43 Resp: 118517
 Ion Ratio Lower Upper
 43 100
 58 39.6 33.2 49.8
 100 14.1 11.5 17.3





#42

Toluene

Concen: 4.787 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

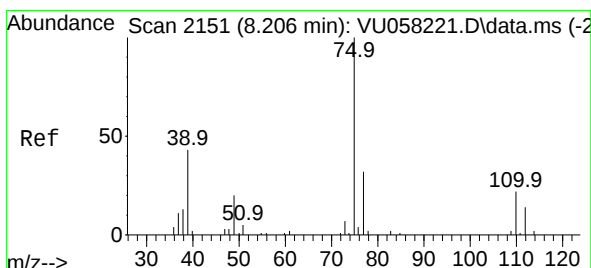
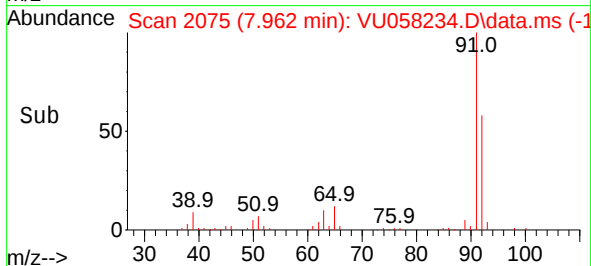
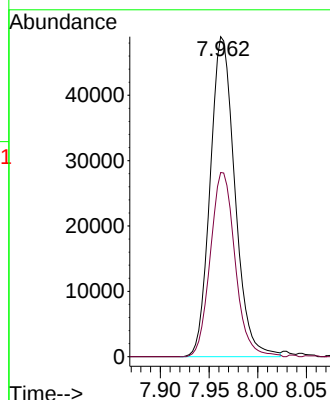
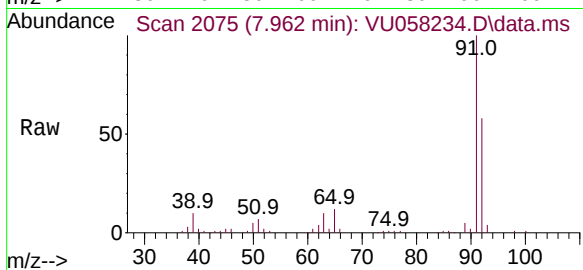
ClientSampleId :

Tgt Ion: 91 Resp: 86433

Ion Ratio Lower Upper

91 100

92 57.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.680 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058234.D

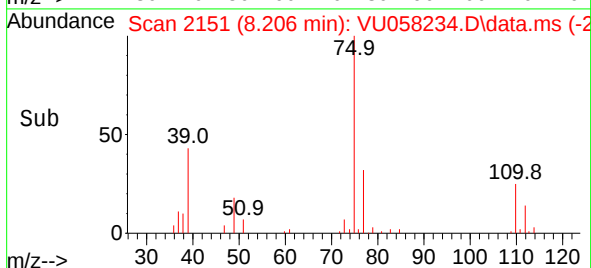
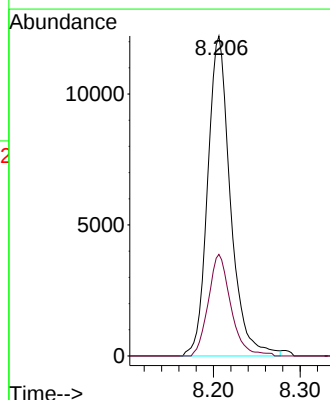
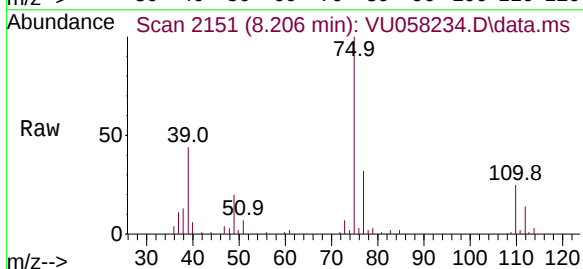
Acq: 28 Mar 2024 12:32

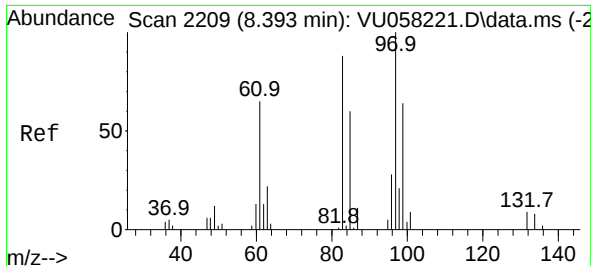
Tgt Ion: 75 Resp: 22293

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3

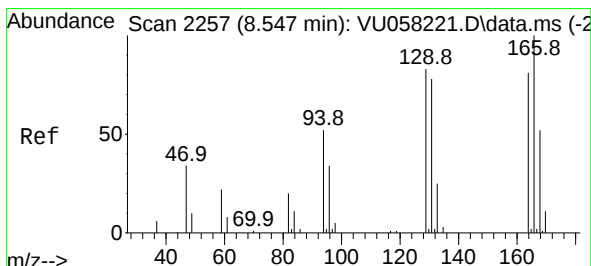
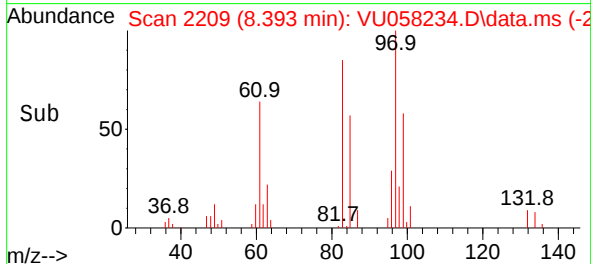
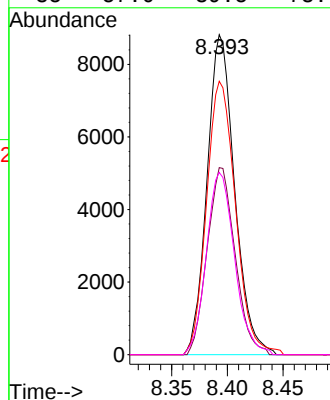
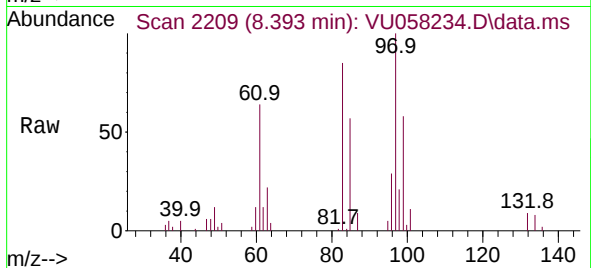




#45
1,1,2-Trichloroethane
Concen: 5.059 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

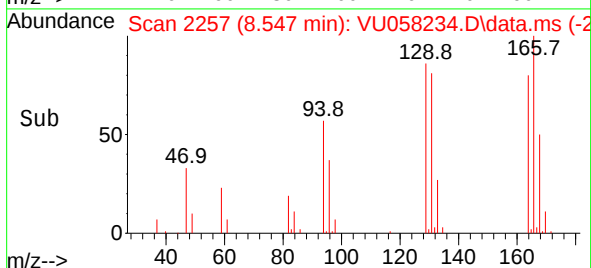
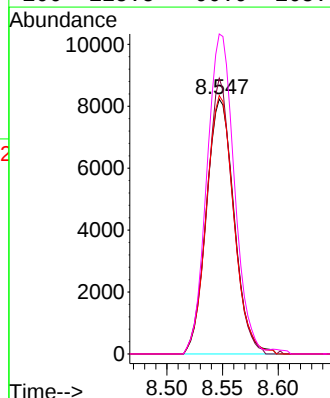
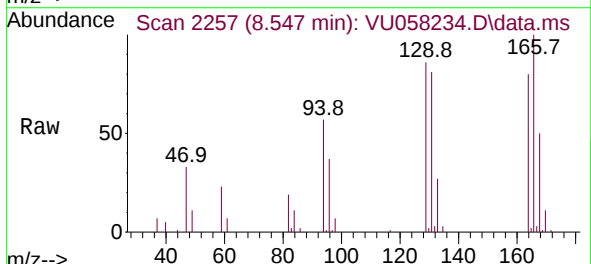
Instrument :
MSVOA_U
ClientSampleId :

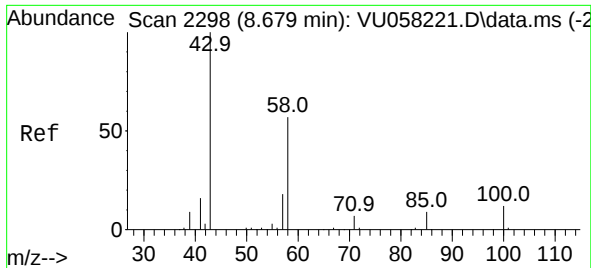
Tgt Ion: 97	Resp: 15210
Ion Ratio	Lower Upper
97 100	
99 58.4	44.5 82.7
83 85.4	64.1 119.1
85 57.0	39.5 73.4



#47
Tetrachloroethene
Concen: 4.808 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Tgt	Ion:164	Resp:	14335
Ion	Ratio	Lower	Upper
164	100		
129	108.1	71.3	132.3
131	101.3	70.8	131.4
166	125.5	90.9	168.9

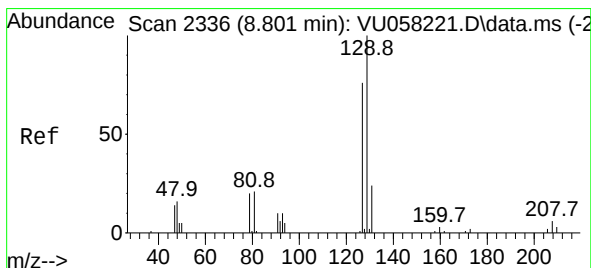
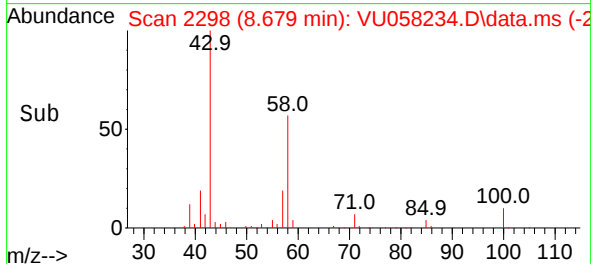
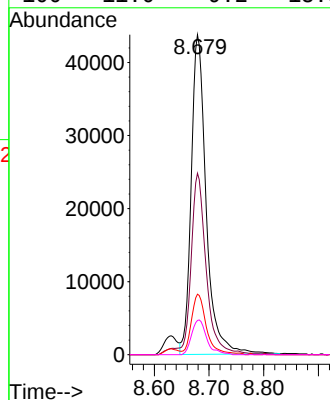
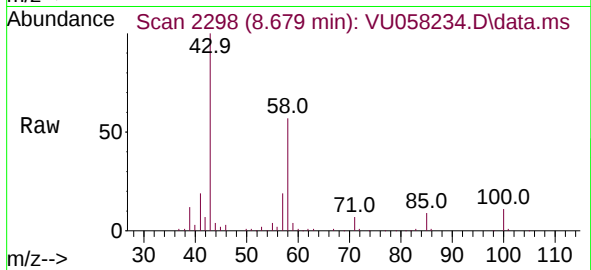




#48
2-Hexanone
Concen: 47.282 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

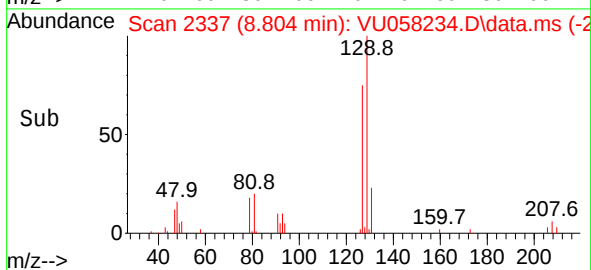
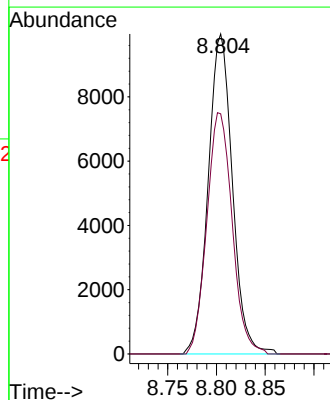
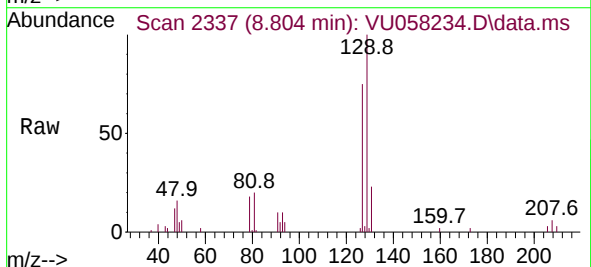
Instrument :
MSVOA_U
ClientSampleId :

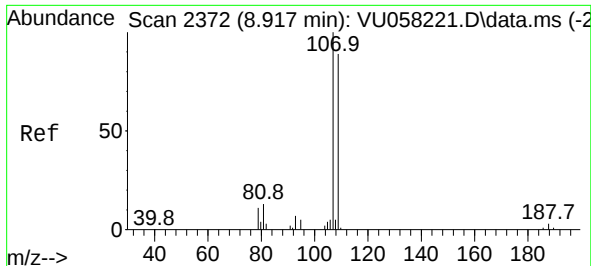
Tgt Ion:	43	Resp:	83106
Ion	Ratio	Lower	Upper
43	100		
58	58.5	48.3	72.5
57	19.2	16.3	24.5
100	11.0	9.2	13.8



#49
Dibromochloromethane
Concen: 5.229 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Tgt Ion:	129	Resp:	17201
Ion	Ratio	Lower	Upper
129	100		
127	75.0	55.7	103.5





#50

1,2-Dibromoethane

Concen: 4.986 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU058234.D

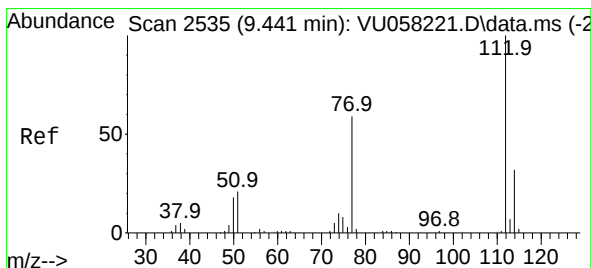
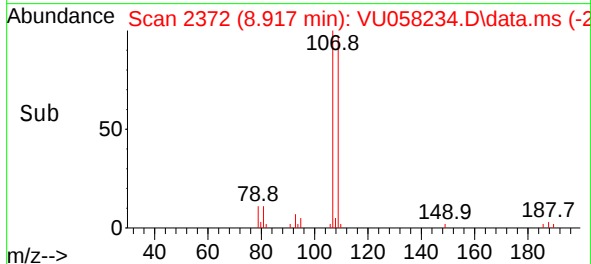
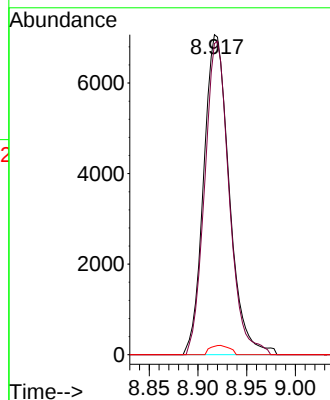
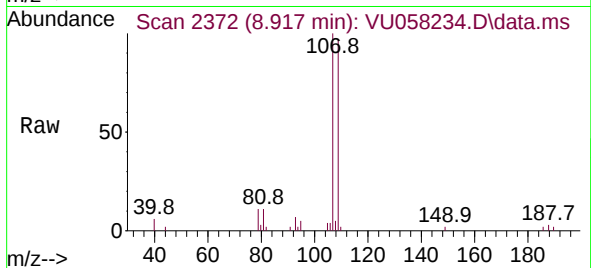
Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	12904
Ion Ratio	Lower	Upper	
107	100		
109	97.3	67.8	125.8
188	2.6	2.5	3.7



#51

Chlorobenzene

Concen: 4.852 ug/L

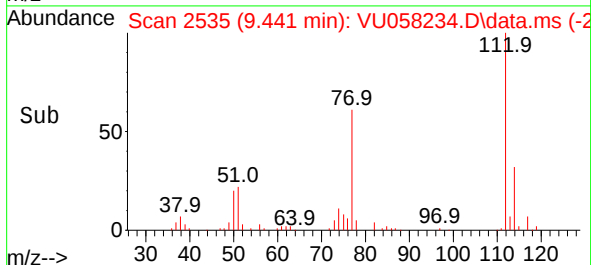
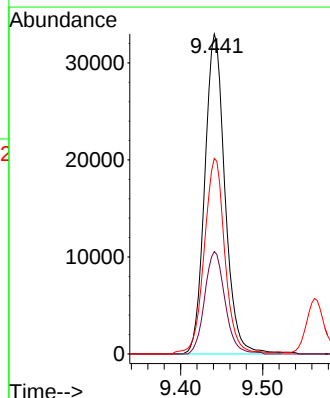
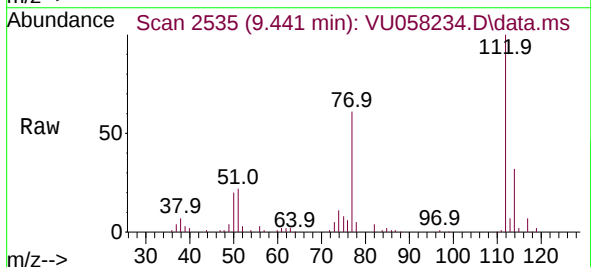
RT: 9.441 min Scan# 2535

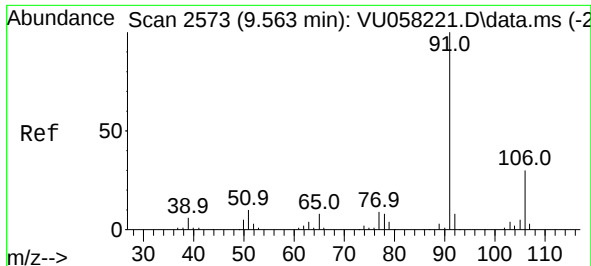
Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Tgt Ion:	112	Resp:	56434
Ion Ratio	Lower	Upper	
112	100		
114	32.0	22.7	42.3
77	61.1	48.9	73.3

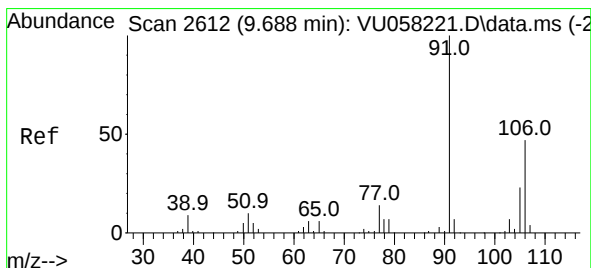
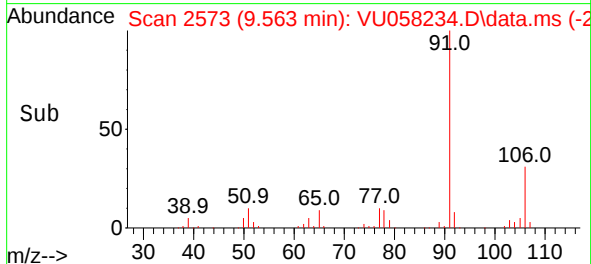
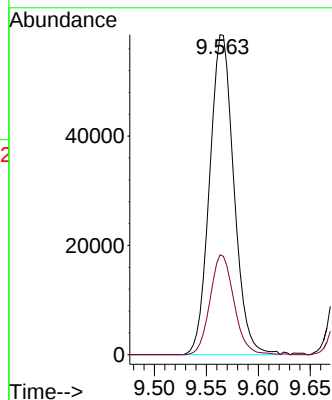
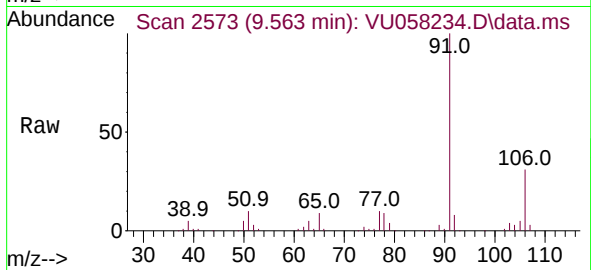




#52
Ethylbenzene
Concen: 4.724 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

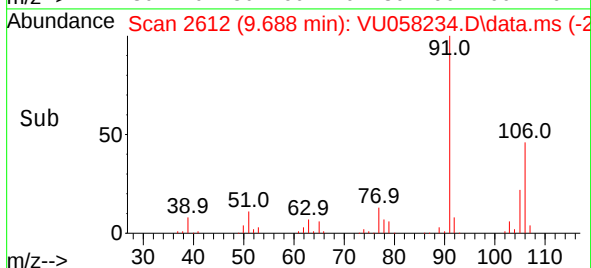
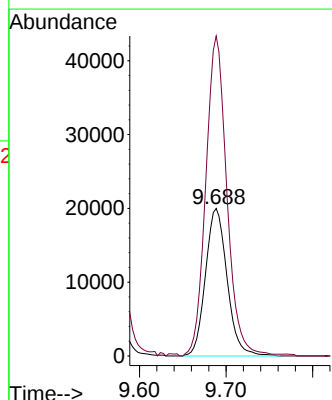
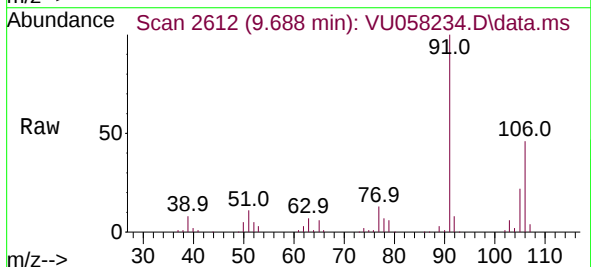
Instrument :
MSVOA_U
ClientSampleId :

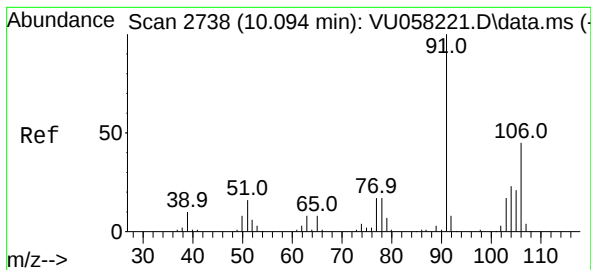
Tgt Ion: 91 Resp: 95236
Ion Ratio Lower Upper
91 100
106 31.2 20.6 38.2



#53
m,p-Xylene
Concen: 4.830 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Tgt Ion:106 Resp: 34690
Ion Ratio Lower Upper
106 100
91 217.0 151.0 280.4





#54

o-Xylene

Concen: 4.802 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

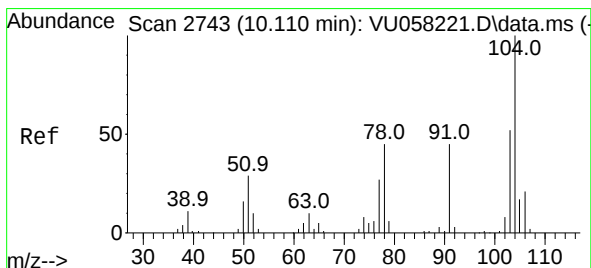
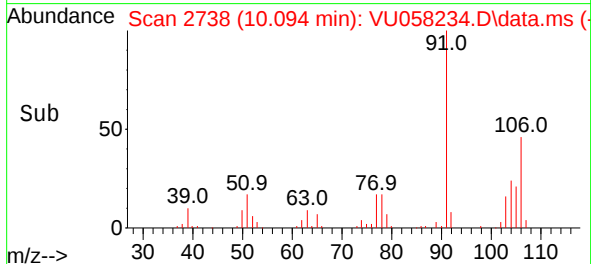
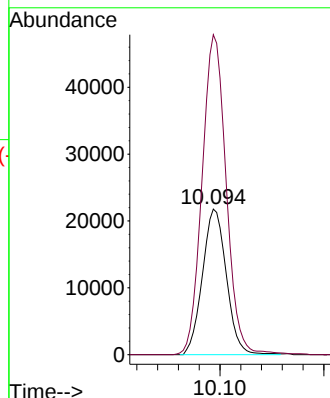
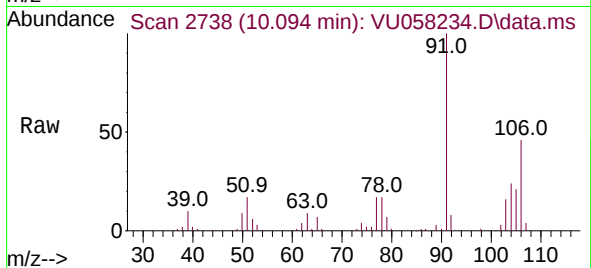
ClientSampleId :

Tgt Ion:106 Resp: 34820

Ion Ratio Lower Upper

106 100

91 219.8 154.3 286.7



#55

Styrene

Concen: 4.977 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058234.D

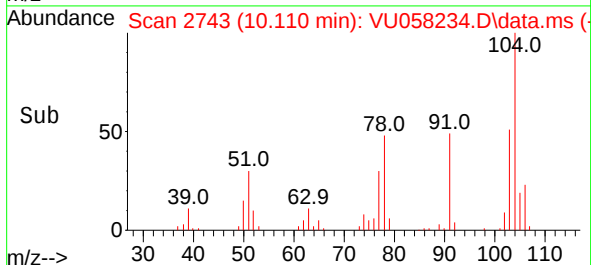
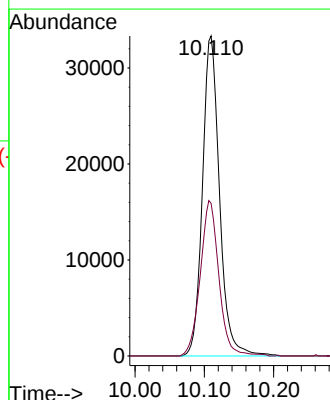
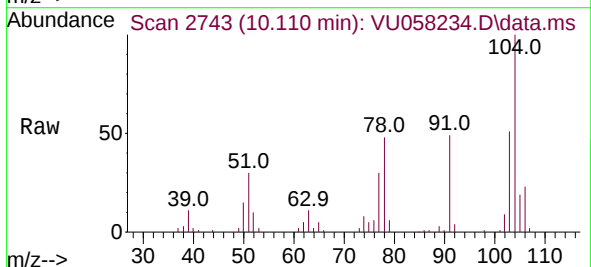
Acq: 28 Mar 2024 12:32

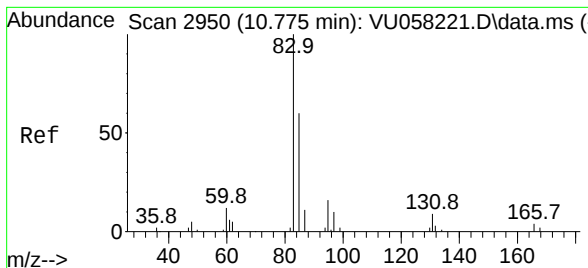
Tgt Ion:104 Resp: 56976

Ion Ratio Lower Upper

104 100

78 47.7 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.024 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

ClientSampleId :

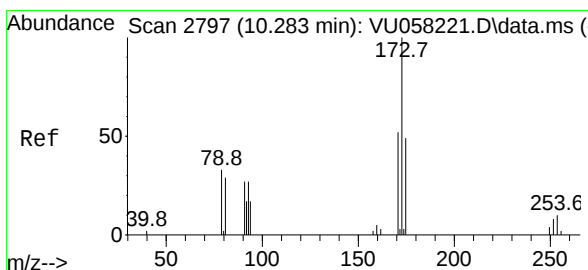
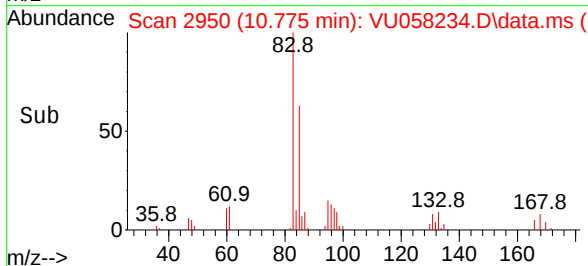
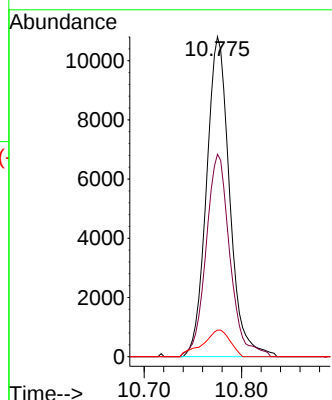
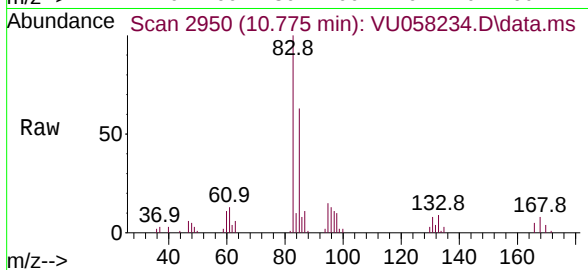
Tgt Ion: 83 Resp: 17804

Ion Ratio Lower Upper

83 100

85 63.3 44.7 82.9

131 8.3 7.0 10.6



#59

Bromoform

Concen: 5.448 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

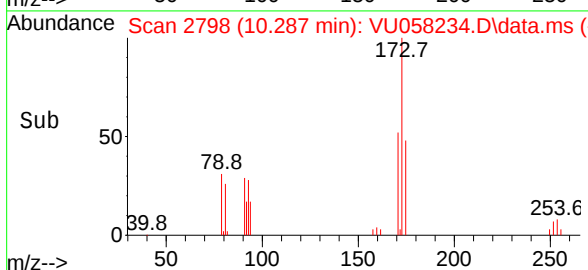
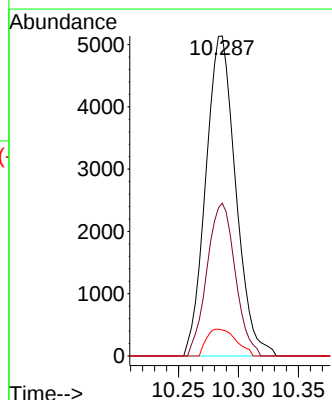
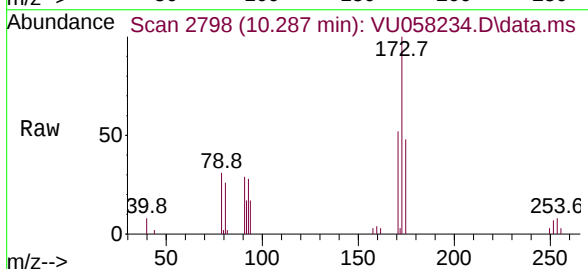
Tgt Ion:173 Resp: 8906

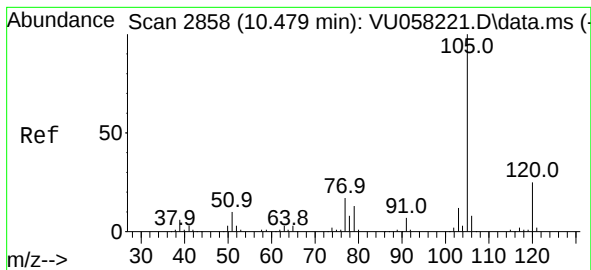
Ion Ratio Lower Upper

173 100

175 45.0 40.9 61.3

254 8.2 5.8 8.8





#60

Isopropylbenzene

Concen: 4.857 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

ClientSampleId :

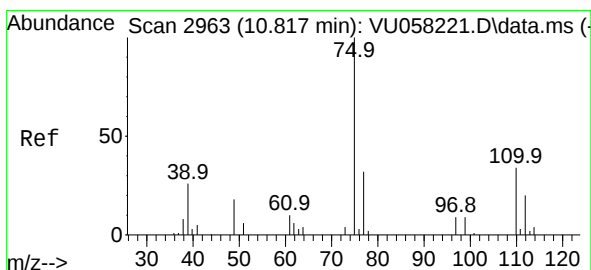
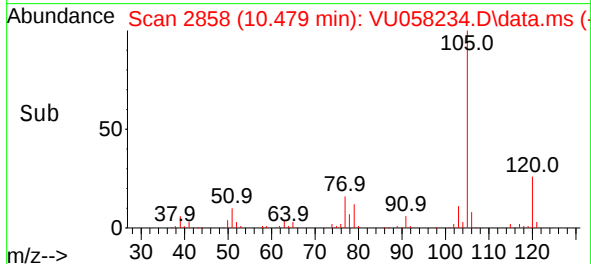
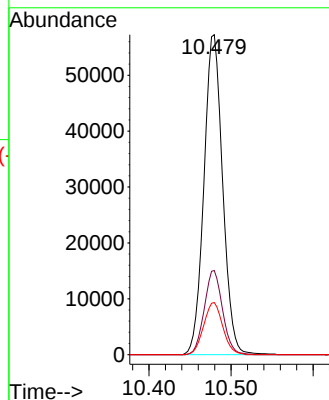
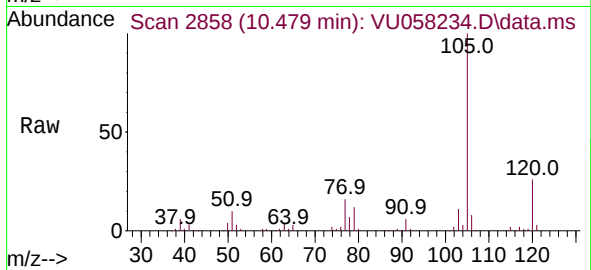
Tgt Ion:105 Resp: 90833

Ion Ratio Lower Upper

105 100

120 25.7 20.5 30.7

77 16.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.888 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

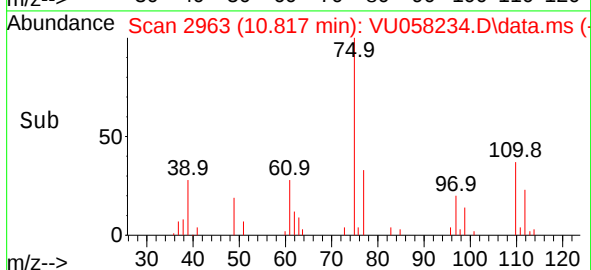
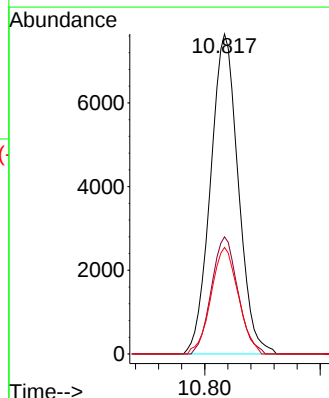
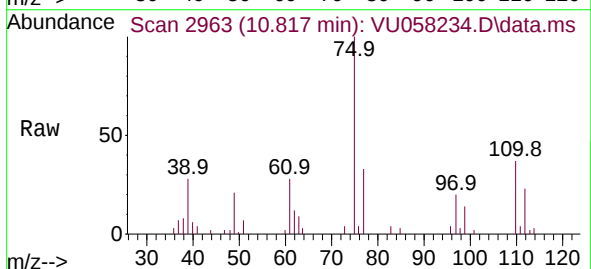
Tgt Ion: 75 Resp: 12742

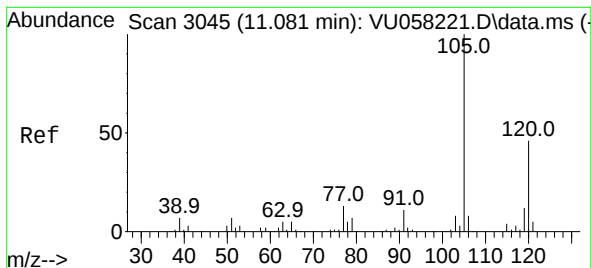
Ion Ratio Lower Upper

75 100

110 34.9 28.1 42.1

77 32.6 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.760 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

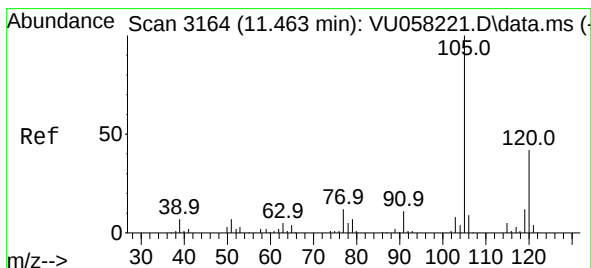
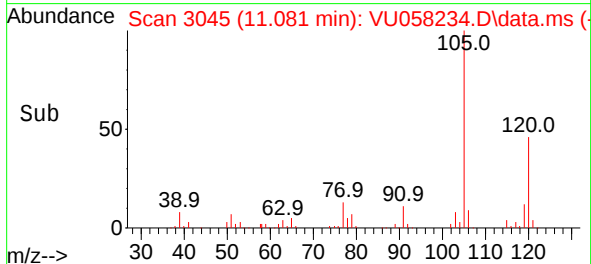
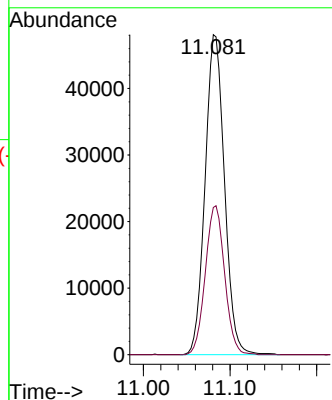
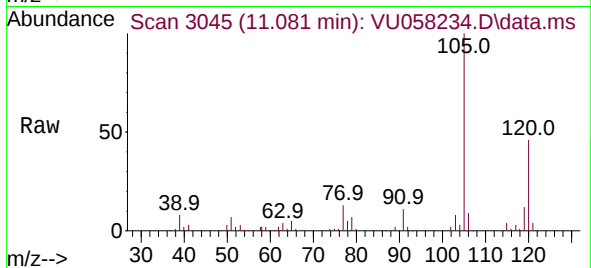
ClientSampleId :

Tgt Ion:105 Resp: 74706

Ion Ratio Lower Upper

105 100

120 46.4 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.747 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058234.D

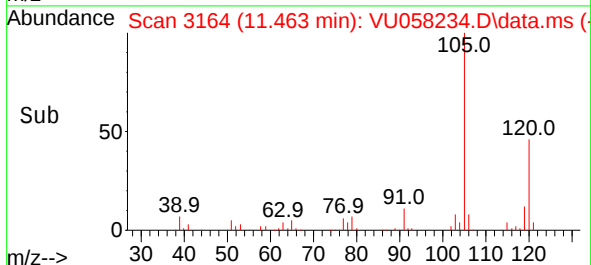
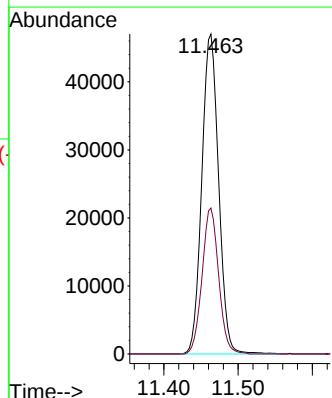
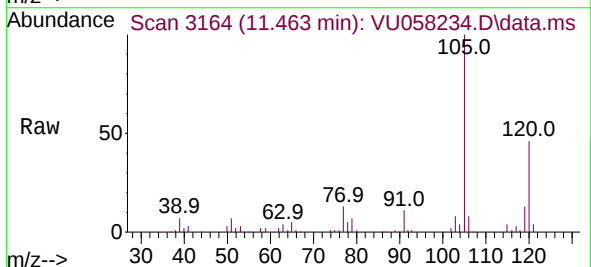
Acq: 28 Mar 2024 12:32

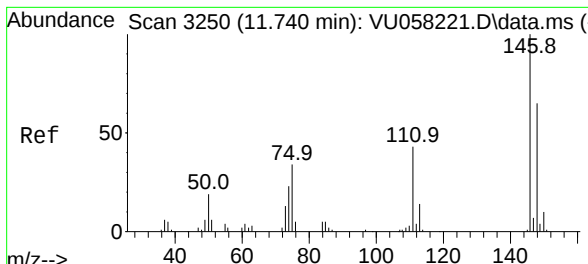
Tgt Ion:105 Resp: 73982

Ion Ratio Lower Upper

105 100

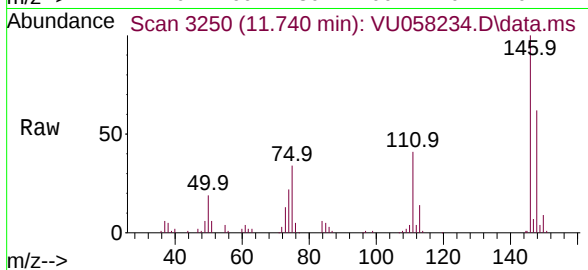
120 44.9 35.9 53.9



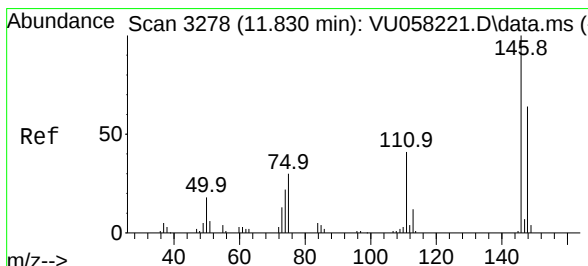
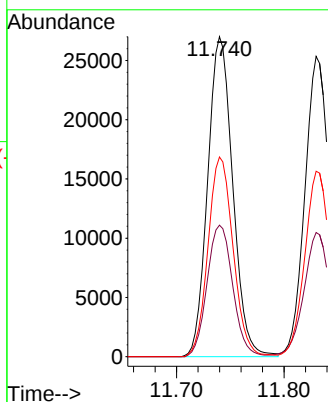
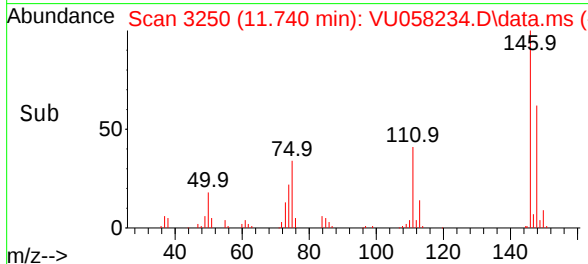


#64
1,3-Dichlorobenzene
Concen: 5.026 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

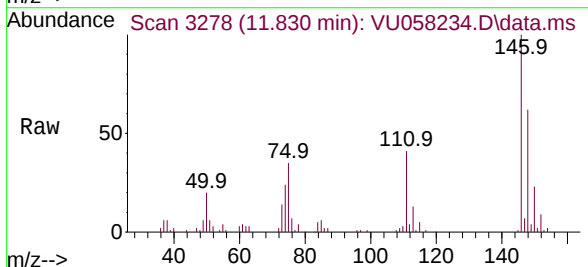
Instrument :
MSVOA_U
ClientSampleId :



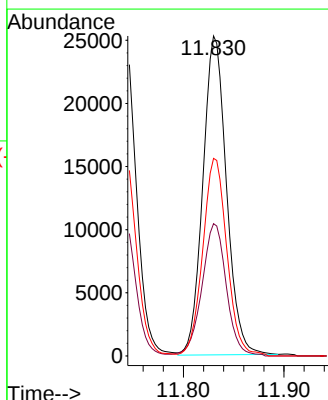
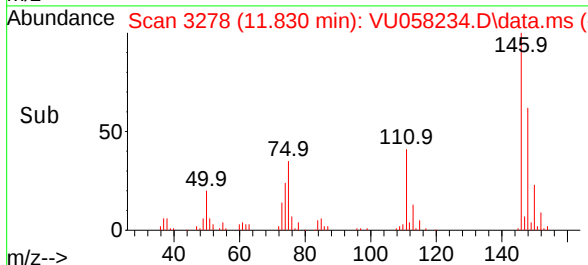
Tgt Ion:146 Resp: 43769
Ion Ratio Lower Upper
146 100
111 41.1 29.9 55.5
148 62.4 44.4 82.4

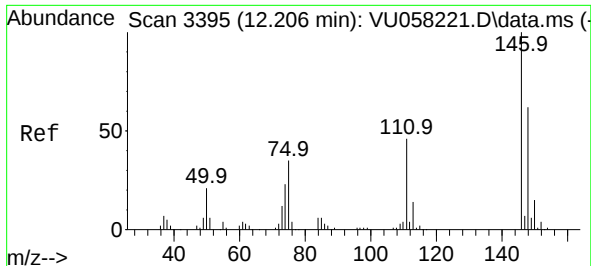


#65
1,4-Dichlorobenzene
Concen: 4.892 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32



Tgt Ion:146 Resp: 41176
Ion Ratio Lower Upper
146 100
111 41.4 29.0 53.8
148 61.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.932 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

ClientSampleId :

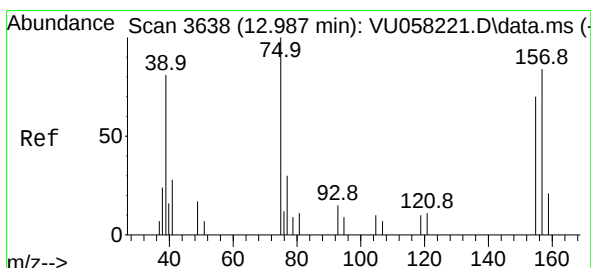
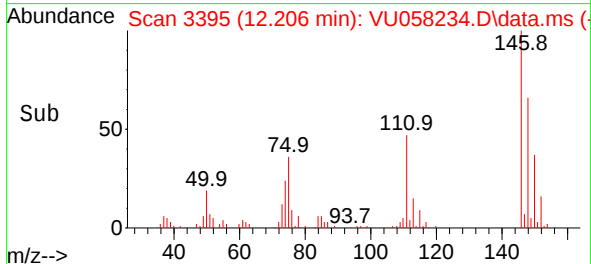
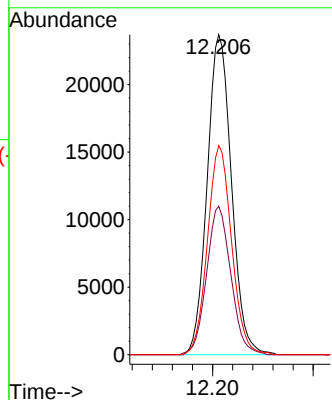
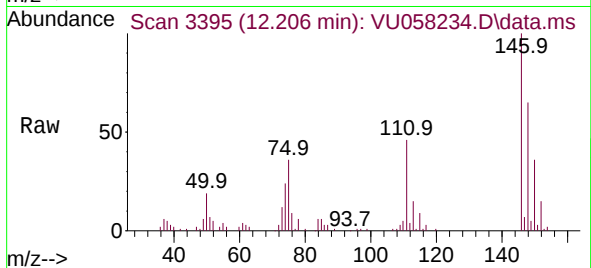
Tgt Ion:146 Resp: 39723

Ion Ratio Lower Upper

146 100

111 46.4 35.9 53.9

148 65.4 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 6.144 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

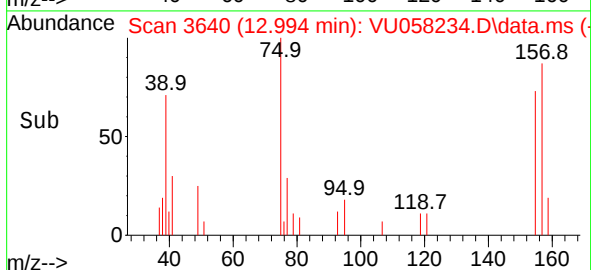
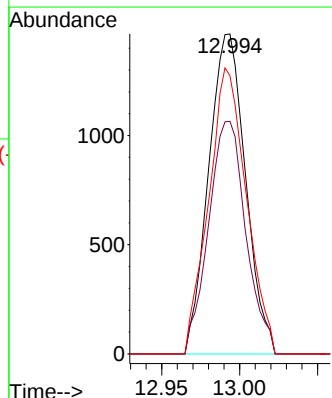
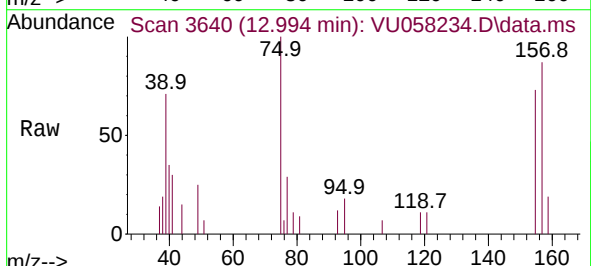
Tgt Ion: 75 Resp: 2415

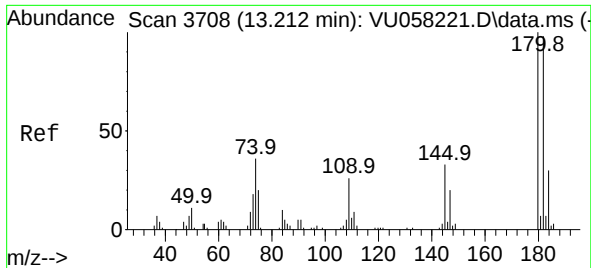
Ion Ratio Lower Upper

75 100

155 72.7 60.2 90.2

157 87.0 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 4.902 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

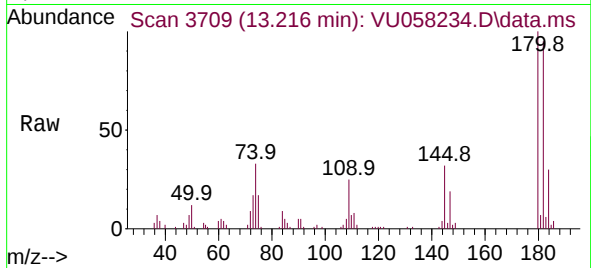
Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 29850

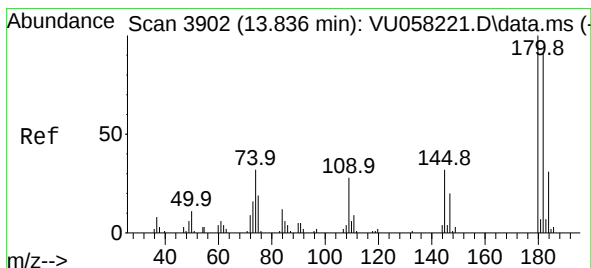
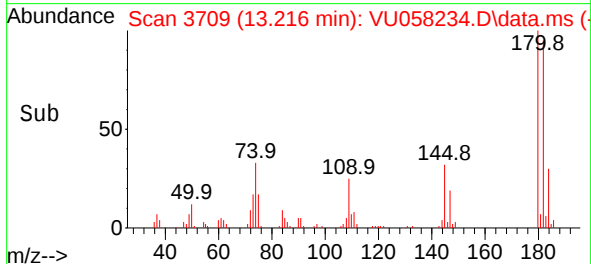
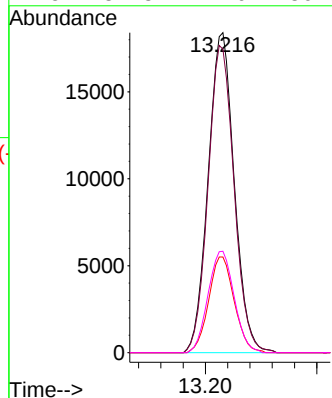
Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

184 29.4 24.8 37.2

145 31.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.654 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058234.D

Acq: 28 Mar 2024 12:32

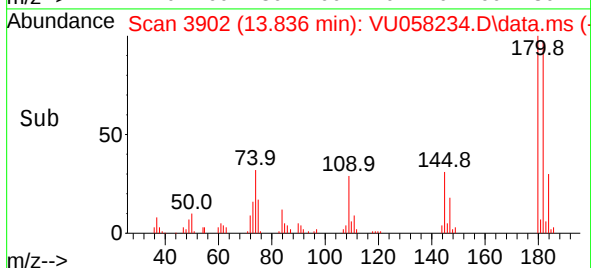
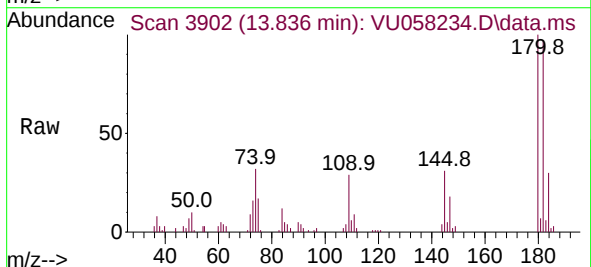
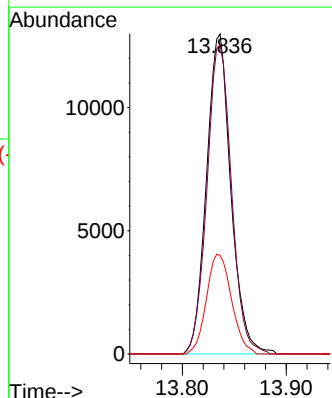
Tgt Ion:180 Resp: 21141

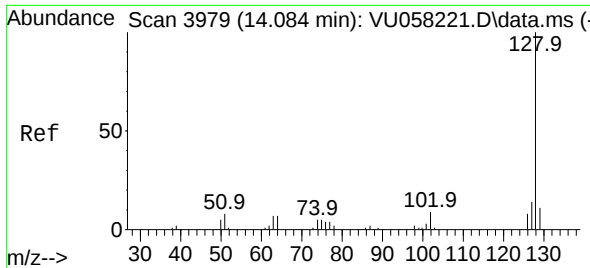
Ion Ratio Lower Upper

180 100

182 97.1 74.5 111.7

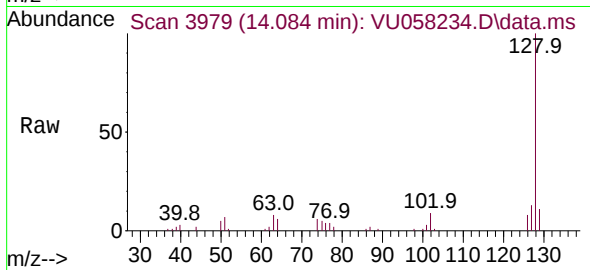
145 32.0 24.5 36.7



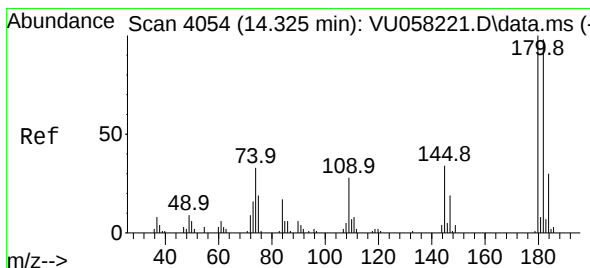
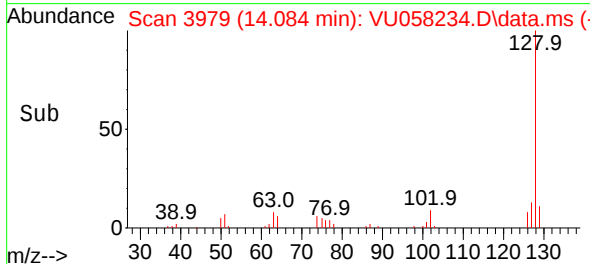
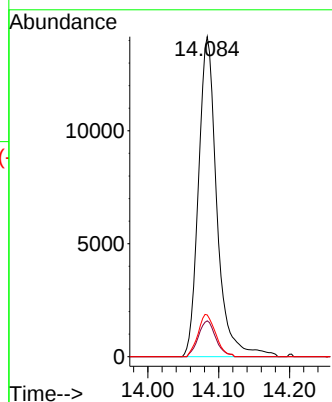


#71
Naphthalene
Concen: 4.131 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 25554
Ion Ratio Lower Upper
128 100
129 10.7 8.1 12.1
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.770 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU058234.D
Acq: 28 Mar 2024 12:32

Tgt Ion:180 Resp: 17739
Ion Ratio Lower Upper
180 100
182 93.7 74.4 111.6
145 33.9 26.3 39.5

