

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022724\
 Data File : VU057949.D
 Acq On : 27 Feb 2024 09:54
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 28 00:37:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 23 23:00:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	274830	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	265166	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130362	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	77673	39.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.080%
7) Chloroethane-d5	1.904	69	62640	42.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.180%
11) 1,1-Dichloroethene-d2	2.563	63	165334	44.587	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.180%
21) 2-Butanone-d5	4.608	46	92698	122.618	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.620%
24) Chloroform-d	5.052	84	164847	48.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.720%
26) 1,2-Dichloroethane-d4	5.692	65	102357	48.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.800%
32) Benzene-d6	5.717	84	308355	46.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.682	67	103103	48.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.100%
41) Toluene-d8	7.891	98	277830	46.187	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
43) trans-1,3-Dichloroprop...	8.174	79	49114	48.065	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.140%
47) 2-Hexanone-d5	8.624	63	70180	85.077	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.080%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	134976	45.586	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.180%
66) 1,2-Dichlorobenzene-d4	12.187	152	98043	46.447	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	141270	46.889	ug/L	99
3) Chloromethane	1.515	50	136330	44.503	ug/L	100
5) Vinyl chloride	1.599	62	141005	46.612	ug/L	98
6) Bromomethane	1.849	94	80143	67.853	ug/L	100
8) Chloroethane	1.927	64	81532	46.085	ug/L	100
9) Trichlorofluoromethane	2.132	101	177420	47.930	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	106643	49.570	ug/L	98
12) 1,1-Dichloroethene	2.573	96	95655	48.070	ug/L	94
13) Acetone	2.608	43	151648	108.340	ug/L	99
14) Carbon disulfide	2.785	76	317615	48.773	ug/L	100
15) Methyl Acetate	2.933	43	103096	45.242	ug/L	97
16) Methylene chloride	3.033	84	109078	42.057	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	100011	48.444	ug/L	99
18) Methyl tert-butyl Ether	3.348	73	336138	46.767	ug/L	99
19) 1,1-Dichloroethane	3.856	63	204896	47.871	ug/L	97
20) cis-1,2-Dichloroethene	4.656	96	112369	47.447	ug/L	96
22) 2-Butanone	4.685	43	170224	100.378	ug/L	98
23) Bromochloromethane	4.965	128	54156	47.065	ug/L	95
25) Chloroform	5.078	83	202730	47.972	ug/L	99

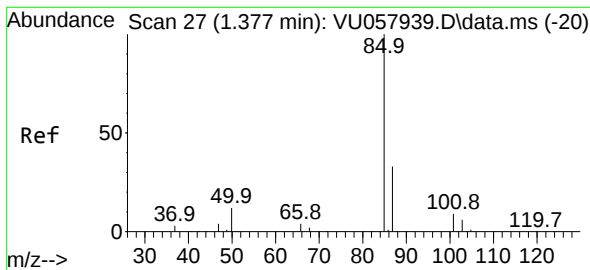
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022724\
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 Quant Title : VOC Analysis
 QLast Update : Fri Feb 23 23:00:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	163139	46.394	ug/L	100
29) Cyclohexane	5.380	56	189531	48.565	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	173323	48.504	ug/L	100
31) Carbon tetrachloride	5.515	117	151871	49.492	ug/L	99
33) Benzene	5.766	78	440086	47.584	ug/L	100
34) Trichloroethene	6.534	95	115012	48.378	ug/L	97
35) Methylcyclohexane	6.756	83	191390	49.550	ug/L	99
37) 1,2-Dichloropropane	6.782	63	123535	47.337	ug/L	100
38) Bromodichloromethane	7.097	83	155366	49.578	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	192230	48.201	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	301431	91.760	ug/L	100
42) Toluene	7.962	91	462537	48.323	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	181158	48.949	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	108159	46.645	ug/L	99
46) Tetrachloroethene	8.547	164	80989	49.501	ug/L	99
48) 2-Hexanone	8.676	43	246351	91.878	ug/L	99
49) Dibromochloromethane	8.804	129	113875	49.313	ug/L	98
50) 1,2-Dibromoethane	8.917	107	116557	47.740	ug/L	99
51) Chlorobenzene	9.441	112	288323	47.370	ug/L	99
52) Ethylbenzene	9.563	91	516977	48.169	ug/L	100
53) m,p-Xylene	9.688	106	191056	48.949	ug/L	99
54) o-Xylene	10.094	106	182811	47.404	ug/L	97
55) Styrene	10.110	104	315197	47.662	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	173583	43.944	ug/L	99
59) Bromoform	10.283	173	79352	49.587	ug/L #	100
60) 1,2,3-Trichloropropane	10.817	75	135978	45.022	ug/L	99
61) Isopropylbenzene	10.479	105	500637	49.141	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	418888	47.724	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	413095	46.838	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	215316	47.800	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	218952	47.715	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	204257	46.091	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	33937	47.326	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	146694	48.419	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	127053	52.086	ug/L	99
71) Naphthalene	14.080	128	326278	50.369	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	114809	51.242	ug/L	99

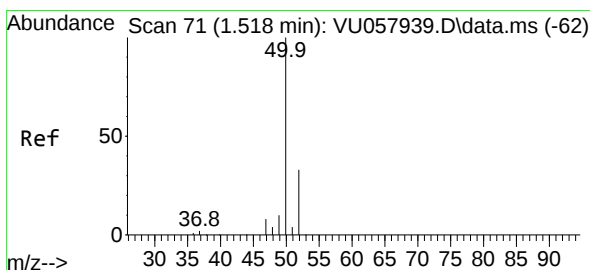
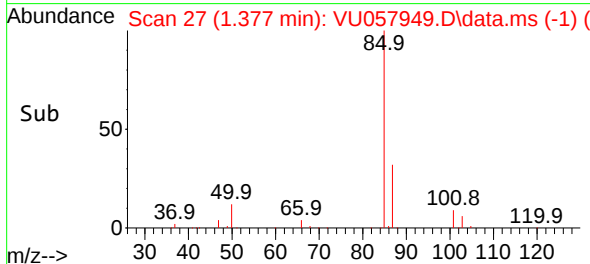
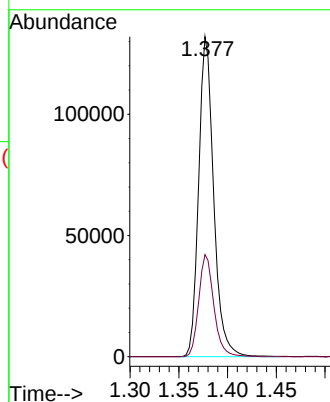
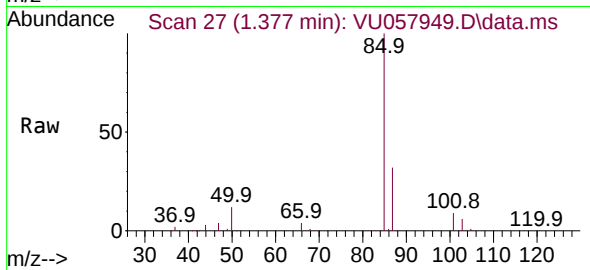
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 46.889 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU057949.D
 Acq: 27 Feb 2024 09:54

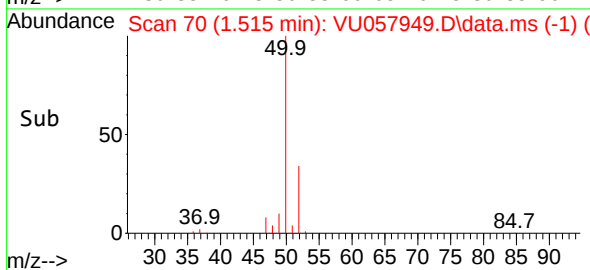
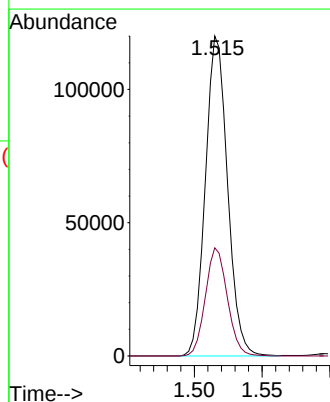
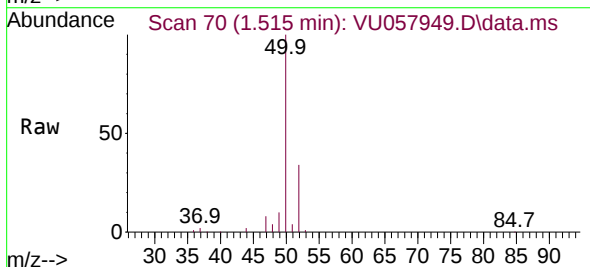
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 MSVOA_U
 ClientSampleId :

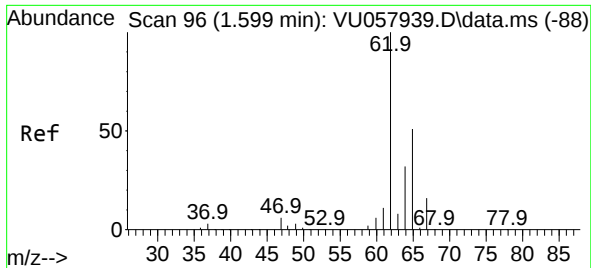
Tgt Ion: 85 Resp: 141270
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.2



#3
 Chloromethane
 Concen: 44.503 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU057949.D
 Acq: 27 Feb 2024 09:54

Tgt Ion: 50 Resp: 136330
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.8 44.2

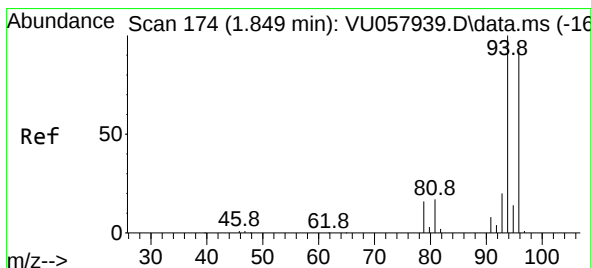
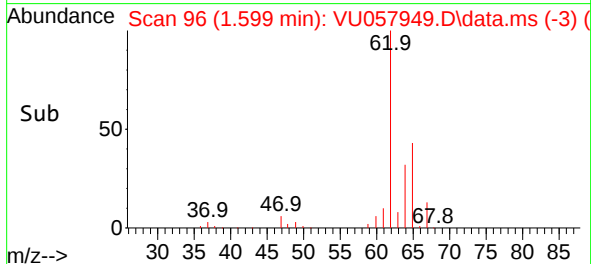
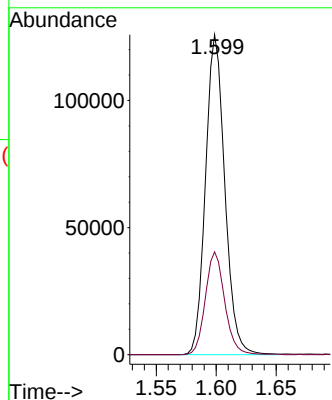
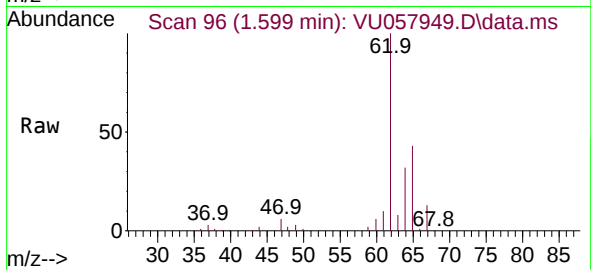




#5
 Vinyl chloride
 Concen: 46.612 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU057949.D
 Acq: 27 Feb 2024 09:54

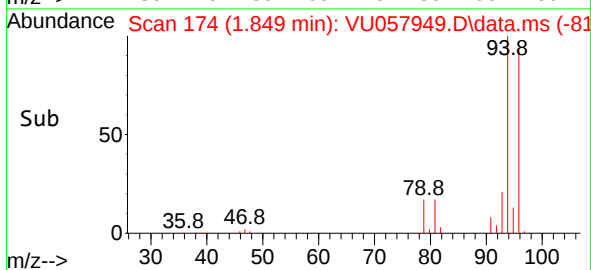
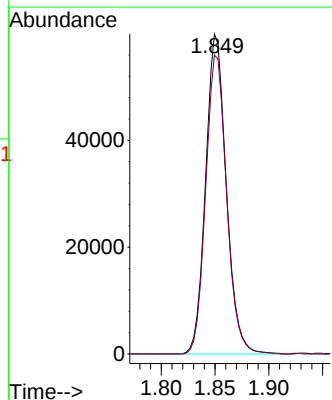
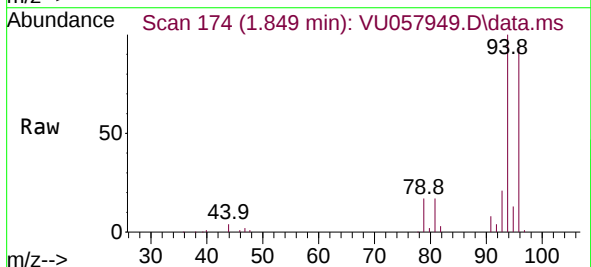
Instrument :
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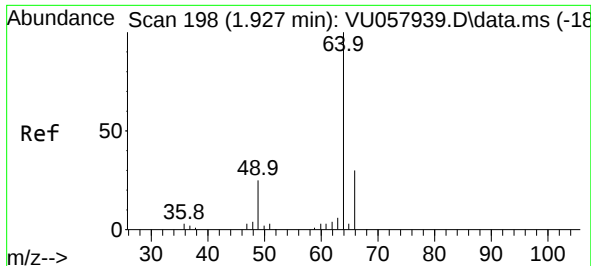
Tgt Ion: 62 Resp: 141005
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9



#6
 Bromomethane
 Concen: 67.853 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VU057949.D
 Acq: 27 Feb 2024 09:54

Tgt Ion: 94 Resp: 80143
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.5 121.7

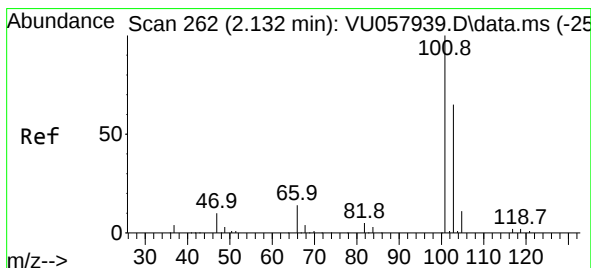
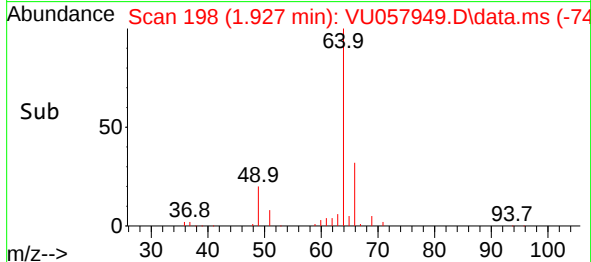
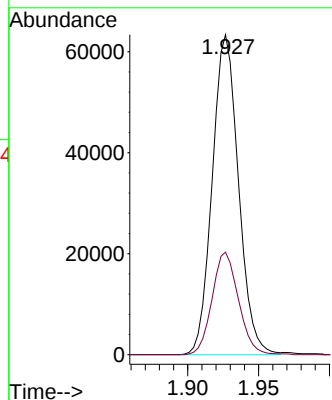
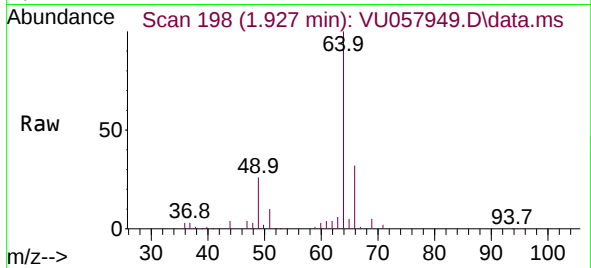




#8
Chloroethane
Concen: 46.085 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

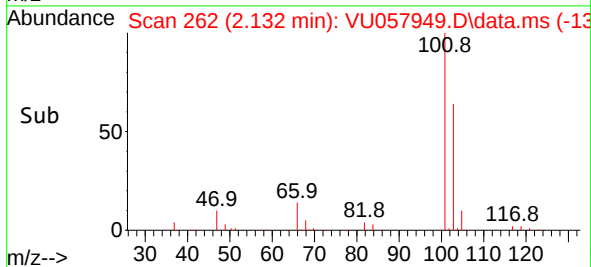
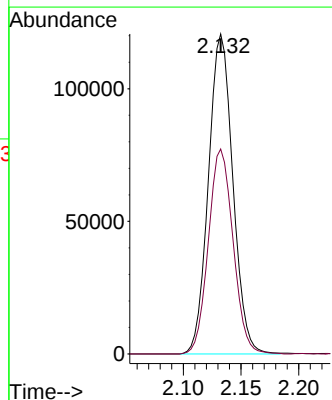
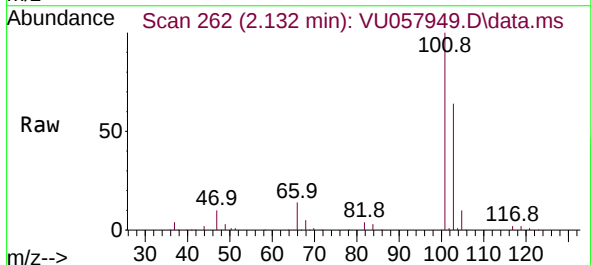
Instrument :
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ClientSampleId :

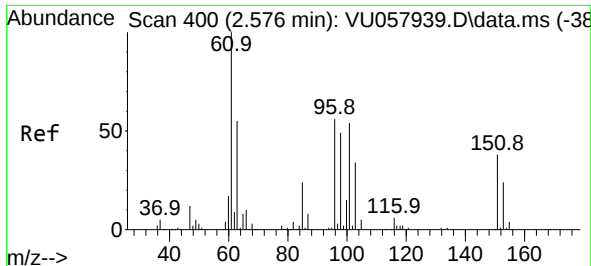
Tgt Ion: 64 Resp: 81532
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 47.930 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion:101 Resp: 177420
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5

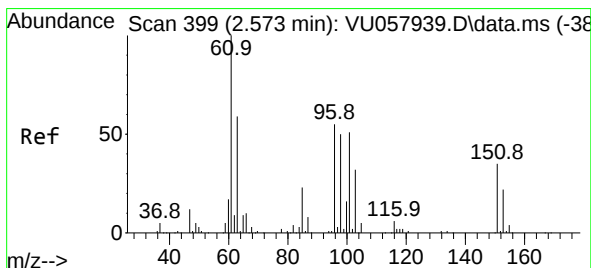
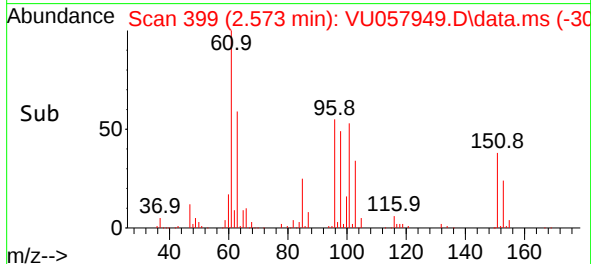
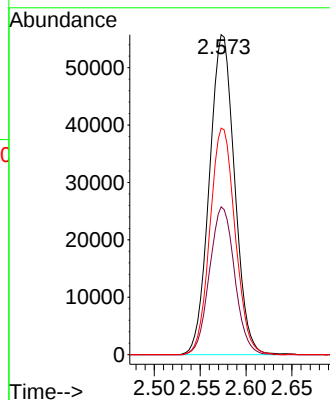
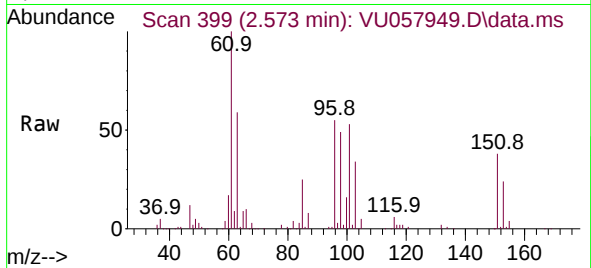




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.570 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

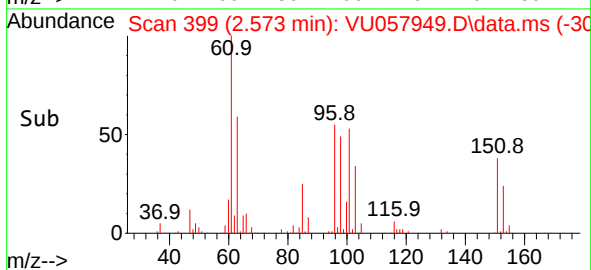
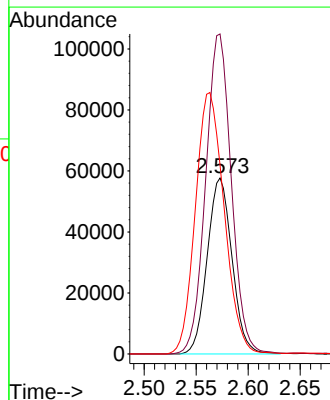
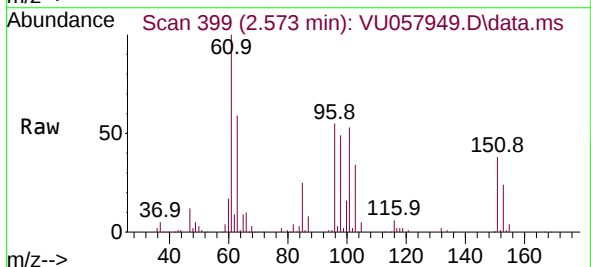
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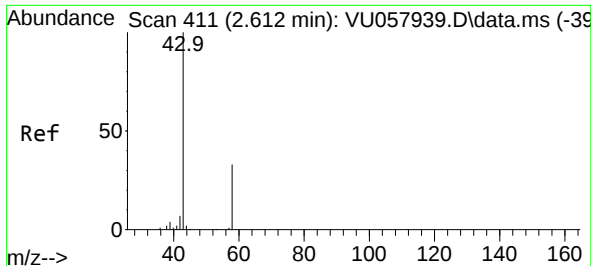
Tgt Ion:101 Resp: 106643
Ion Ratio Lower Upper
101 100
85 46.0 35.7 53.5
151 70.8 55.8 83.6



#12
1,1-Dichloroethene
Concen: 48.070 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion: 96 Resp: 95655
Ion Ratio Lower Upper
96 100
61 181.8 126.8 235.6
63 107.3 86.5 160.7





#13

Acetone

Concen: 108.340 ug/L

RT: 2.608 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

Instrument :

MSVOA_U

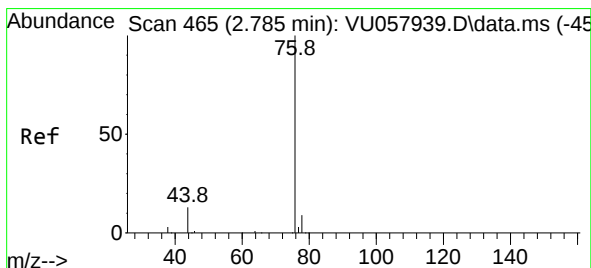
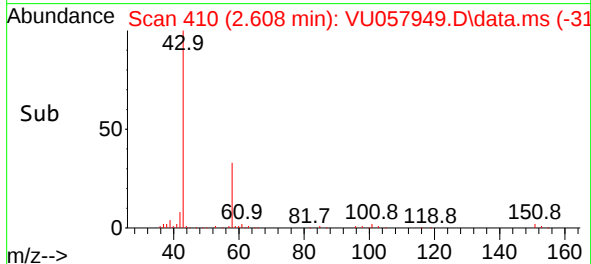
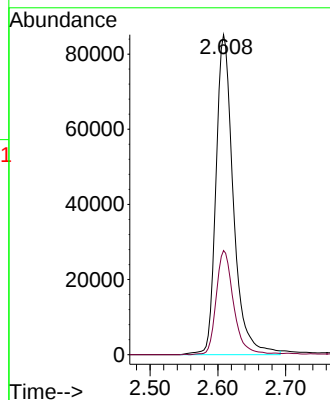
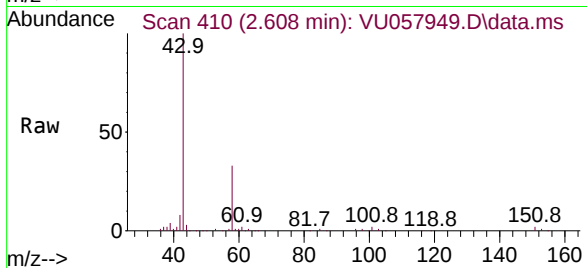
ClientSampleId :

Tgt Ion: 43 Resp: 151648

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.2



#14

Carbon disulfide

Concen: 48.773 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU057949.D

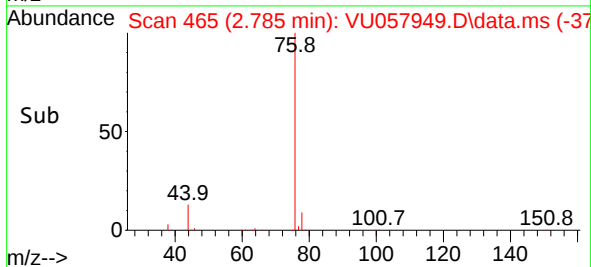
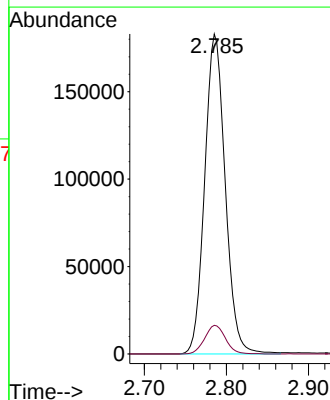
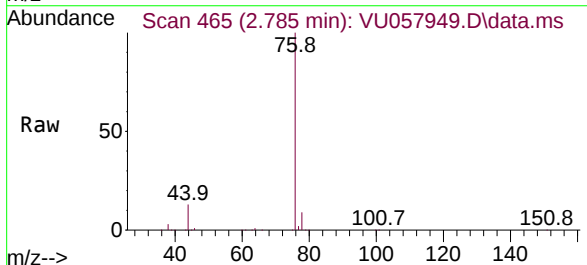
Acq: 27 Feb 2024 09:54

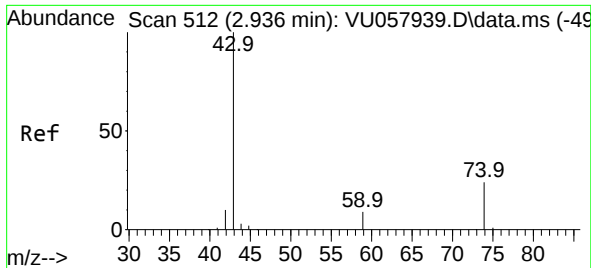
Tgt Ion: 76 Resp: 317615

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

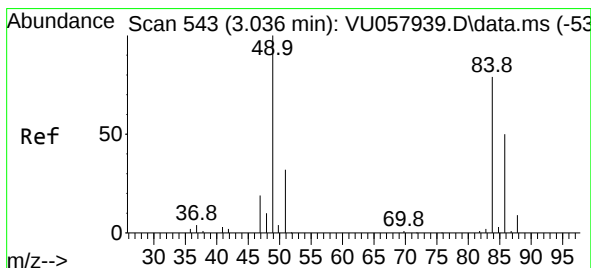
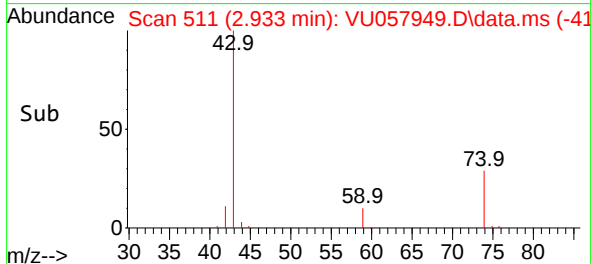
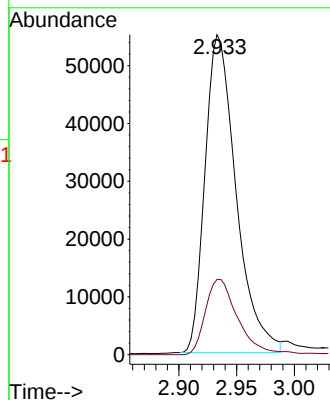
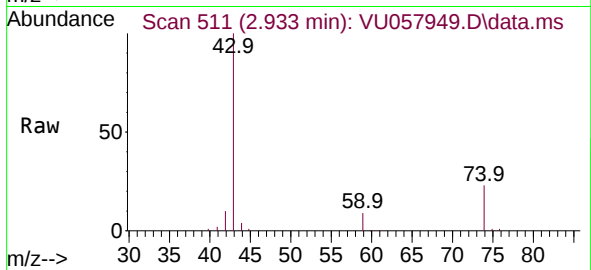




#15
Methyl Acetate
Concen: 45.242 ug/L
RT: 2.933 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

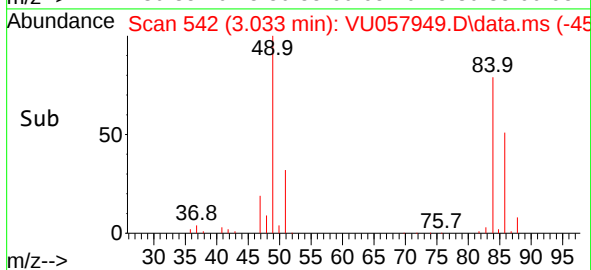
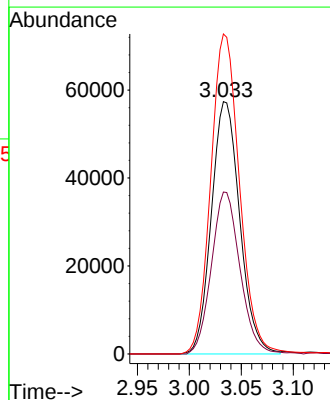
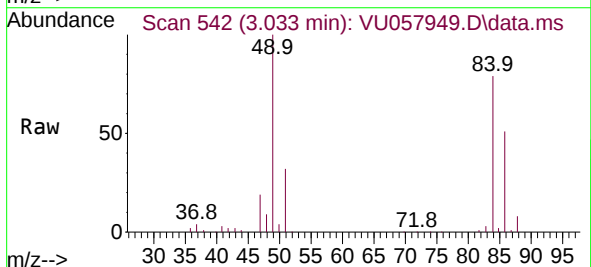
Instrument :
MSVOA_U
ClientSampleId :

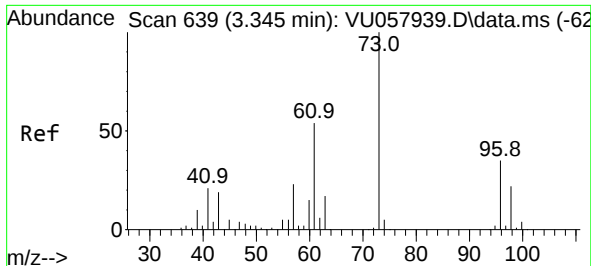
Tgt Ion: 43 Resp: 103096
Ion Ratio Lower Upper
43 100
74 24.7 18.6 27.8



#16
Methylene chloride
Concen: 42.057 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion: 84 Resp: 109078
Ion Ratio Lower Upper
84 100
86 64.2 45.1 83.7
49 126.8 89.7 166.5





#17

trans-1,2-Dichloroethene

Concen: 48.444 ug/L

RT: 3.345 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

Instrument :

MSVOA_U

ClientSampleId :

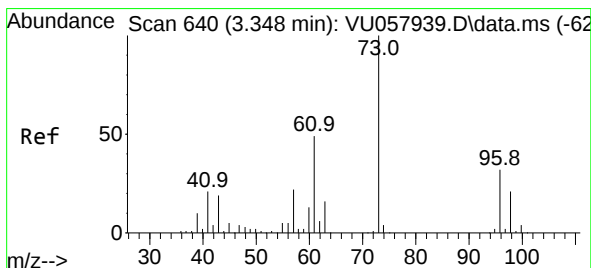
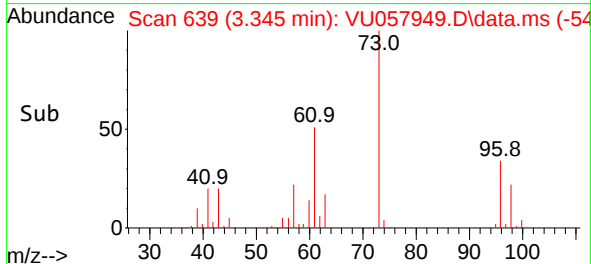
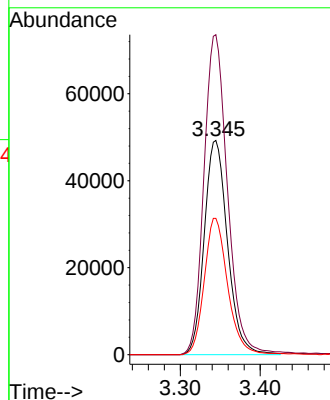
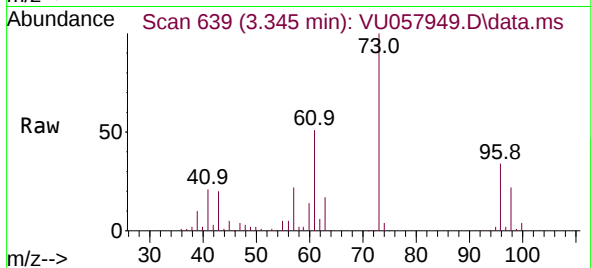
Tgt Ion: 96 Resp: 100011

Ion Ratio Lower Upper

96 100

61 149.4 106.3 197.3

98 63.7 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 46.767 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

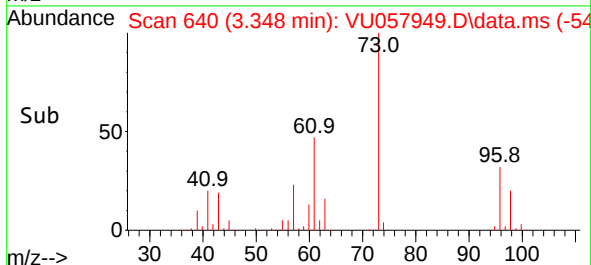
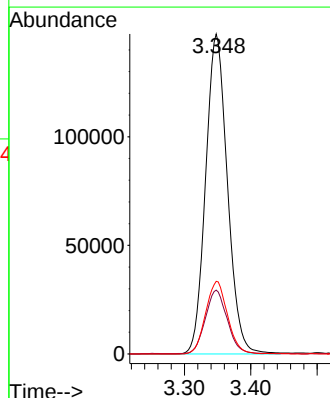
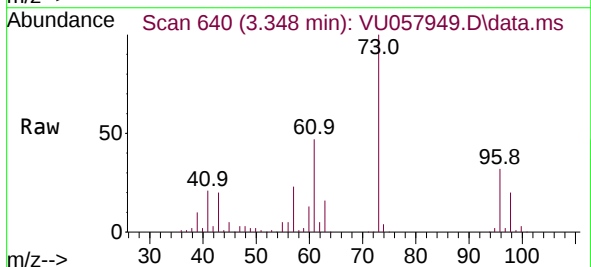
Tgt Ion: 73 Resp: 336138

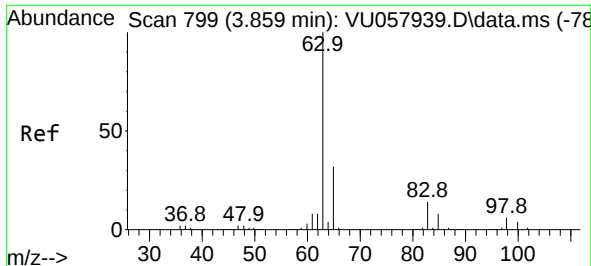
Ion Ratio Lower Upper

73 100

43 20.2 16.0 24.0

57 22.8 17.8 26.6





#19

1,1-Dichloroethane

Concen: 47.871 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

Instrument :

MSVOA_U

ClientSampleId :

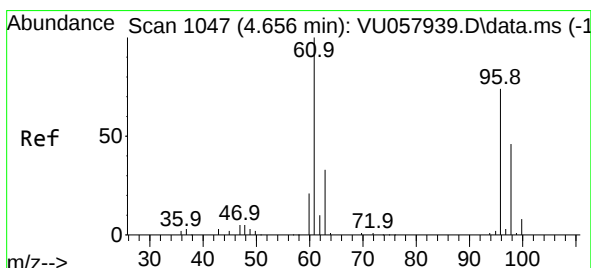
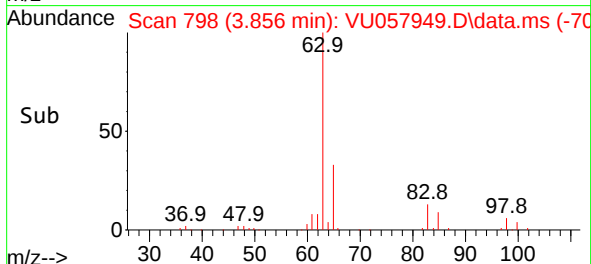
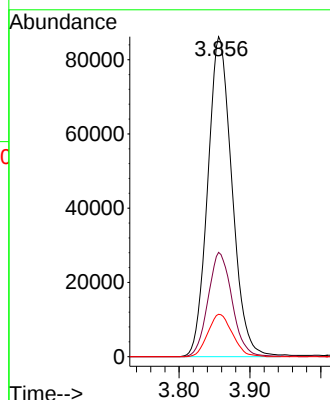
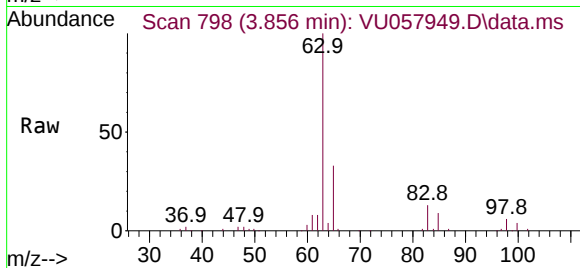
Tgt Ion: 63 Resp: 204896

Ion Ratio Lower Upper

63 100

65 33.3 21.7 40.3

83 13.3 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 47.447 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

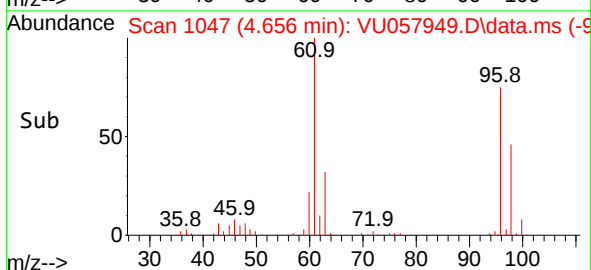
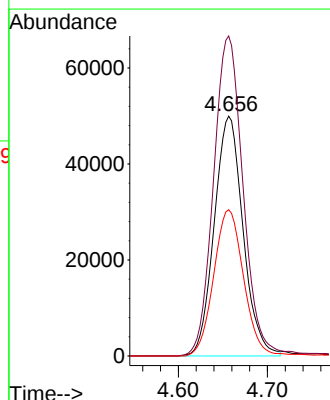
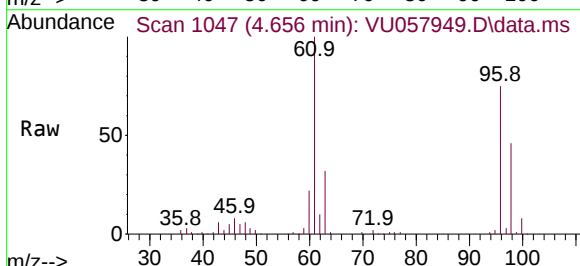
Tgt Ion: 96 Resp: 112369

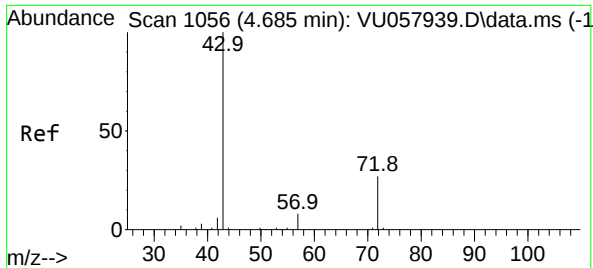
Ion Ratio Lower Upper

96 100

61 133.4 96.7 179.7

98 61.0 44.3 82.3

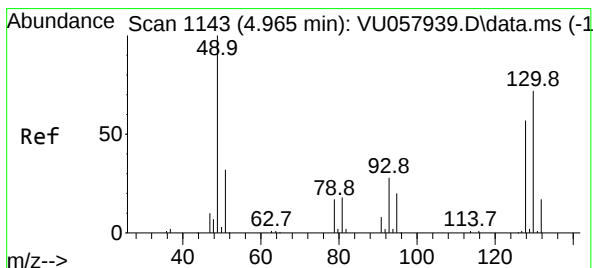
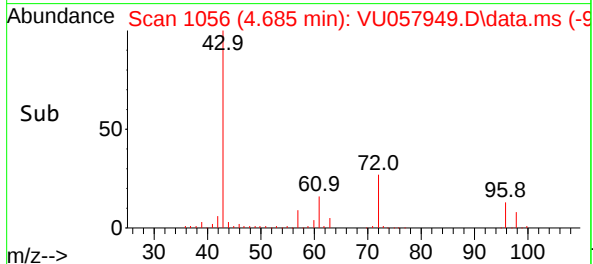
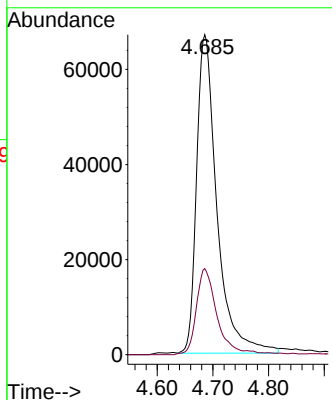
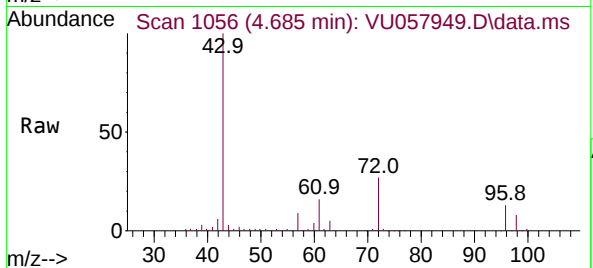




#22
2-Butanone
Concen: 100.378 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

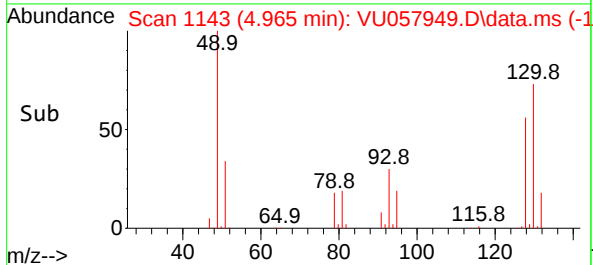
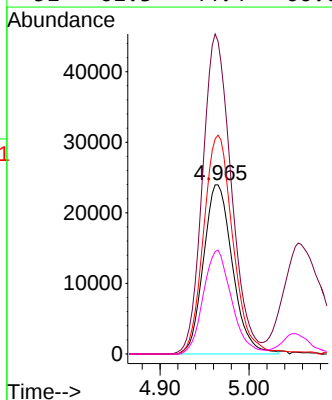
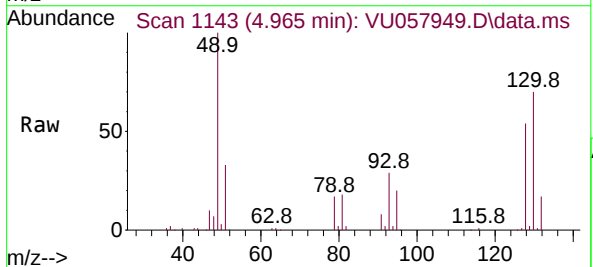
Instrument :
MSVOA_U
ClientSampleId :

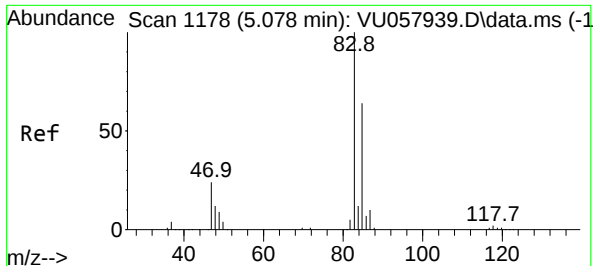
Tgt Ion: 43 Resp: 170224
Ion Ratio Lower Upper
43 100
72 26.6 13.8 41.3



#23
Bromochloromethane
Concen: 47.065 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion:128 Resp: 54156
Ion Ratio Lower Upper
128 100
49 184.8 124.0 230.4
130 129.3 87.8 163.0
51 61.3 44.4 66.6





#25

Chloroform

Concen: 47.972 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

Instrument :

MSVOA_U

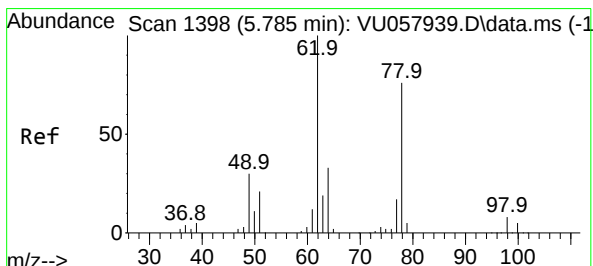
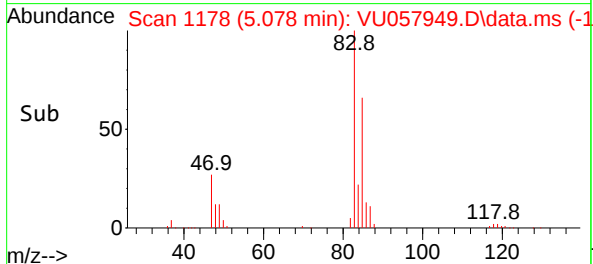
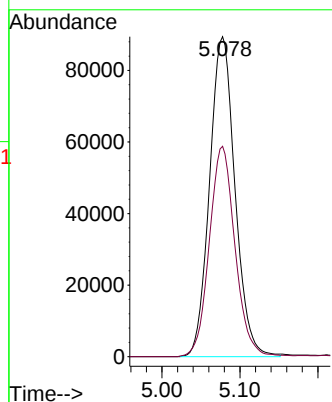
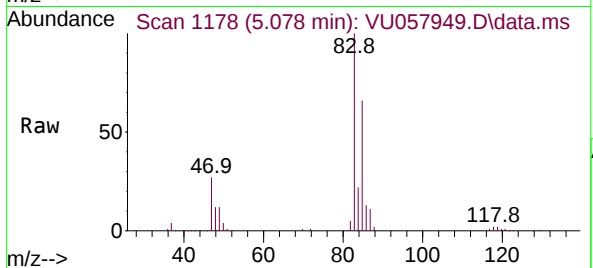
ClientSampleId :

Tgt Ion: 83 Resp: 202730

Ion Ratio Lower Upper

83 100

85 65.8 45.6 84.6



#27

1,2-Dichloroethane

Concen: 46.394 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU057949.D

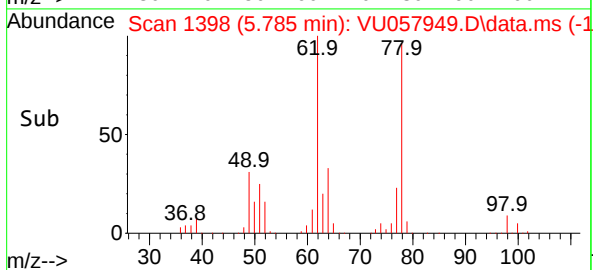
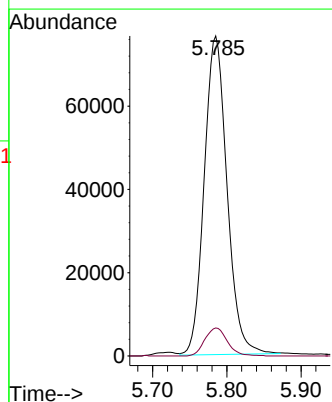
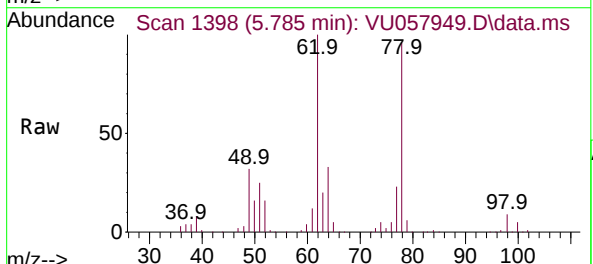
Acq: 27 Feb 2024 09:54

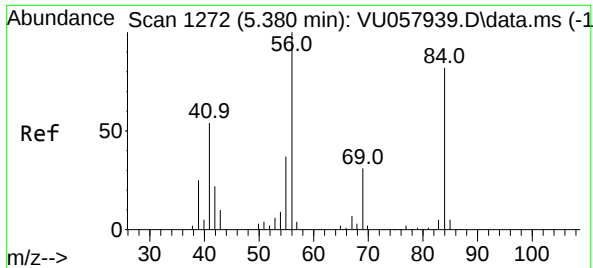
Tgt Ion: 62 Resp: 163139

Ion Ratio Lower Upper

62 100

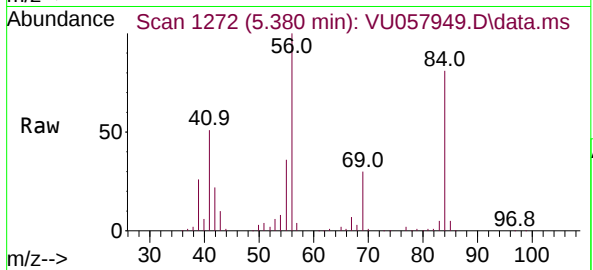
98 8.7 7.1 10.7



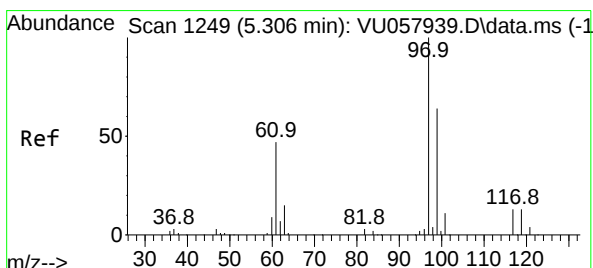
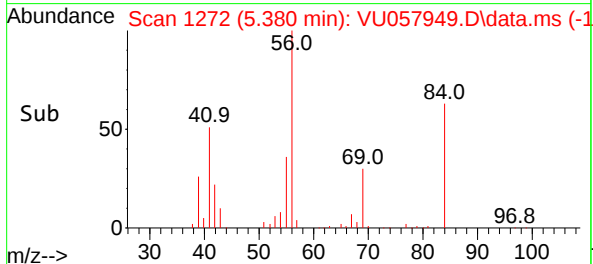
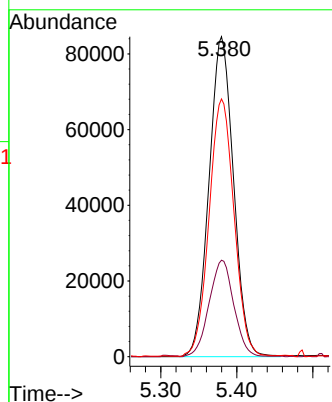


#29
Cyclohexane
Concen: 48.565 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Instrument :
MSVOA_U
ClientSampleId :

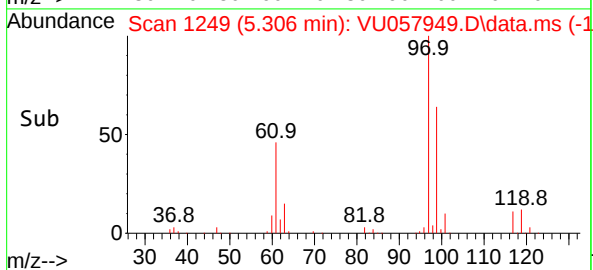
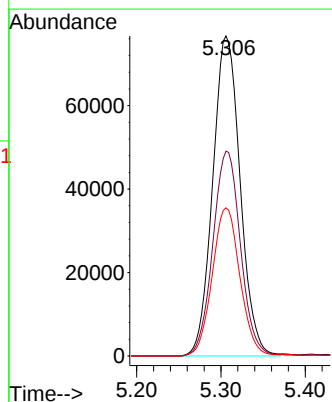
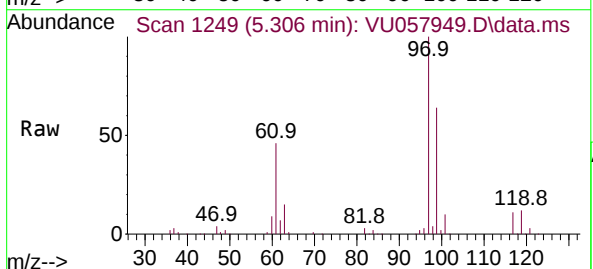


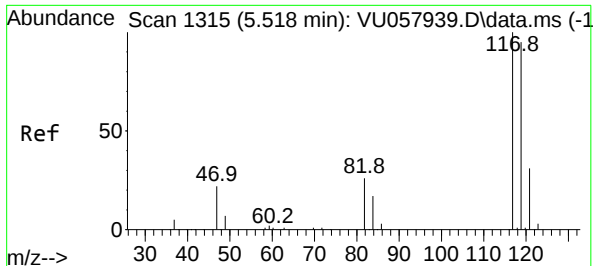
Tgt Ion:	56	Resp:	189531
Ion Ratio	Lower	Upper	
56	100		
69	30.4	24.6	36.8
84	82.1	66.9	100.3



#30
1,1,1-Trichloroethane
Concen: 48.504 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion:	97	Resp:	173323
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.6	77.4
61	46.7	36.8	55.2

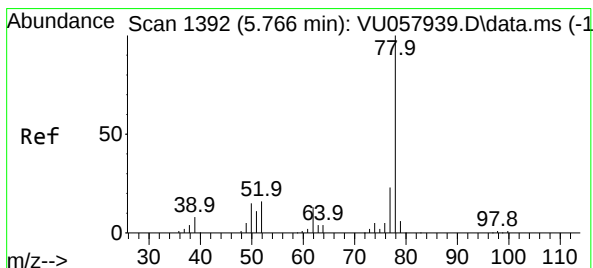
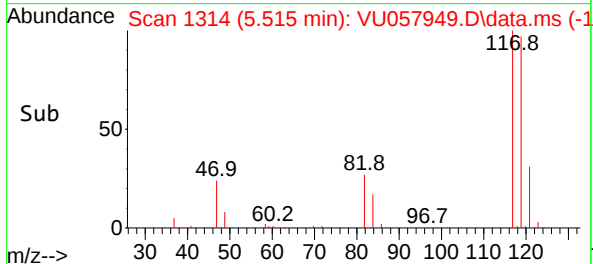
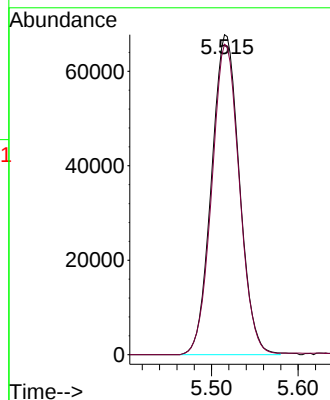
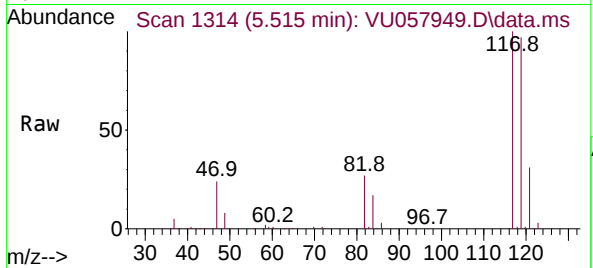




#31
Carbon tetrachloride
Concen: 49.492 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

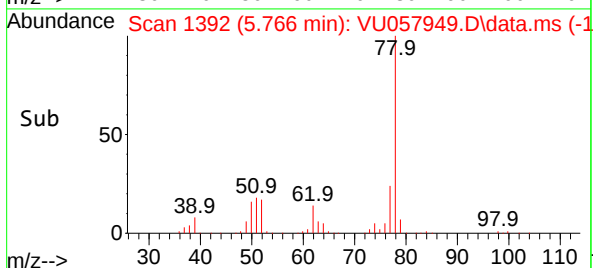
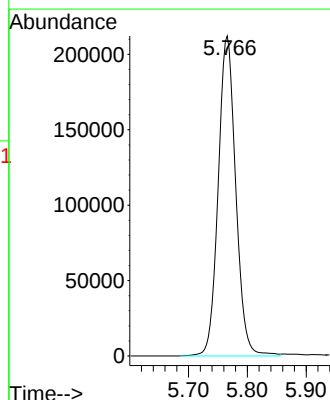
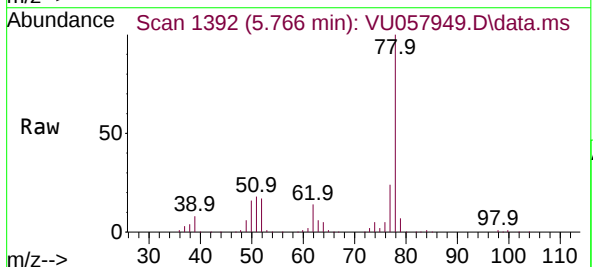
Instrument :
MSVOA_U
ClientSampleId :

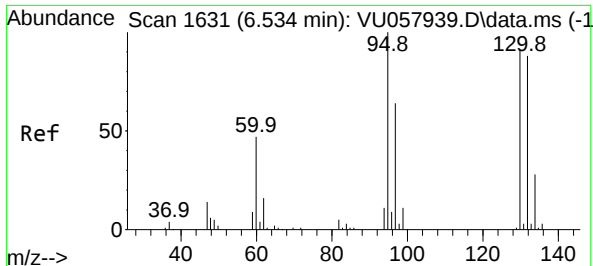
Tgt Ion:117 Resp: 151871
Ion Ratio Lower Upper
117 100
119 95.8 75.9 113.9



#33
Benzene
Concen: 47.584 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

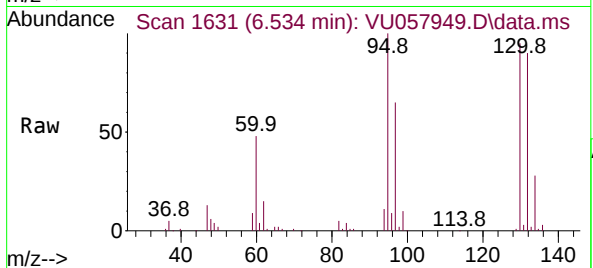
Tgt Ion: 78 Resp: 440086



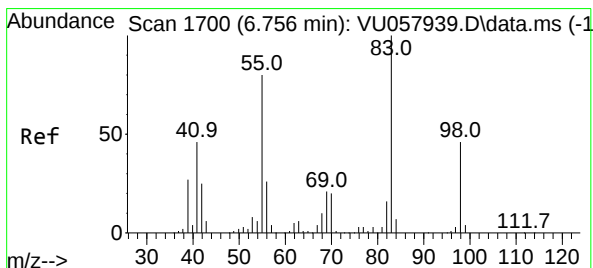
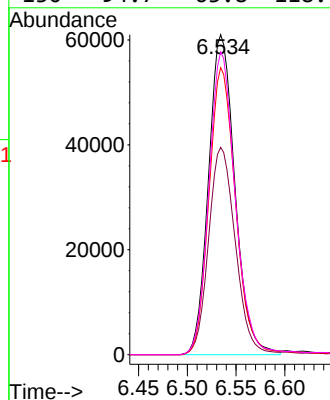
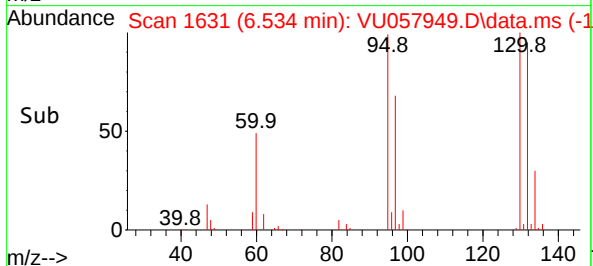


#34
Trichloroethene
Concen: 48.378 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

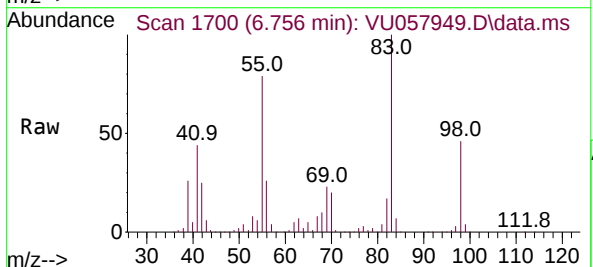
Instrument :
MSVOA_U
ClientSampleId :



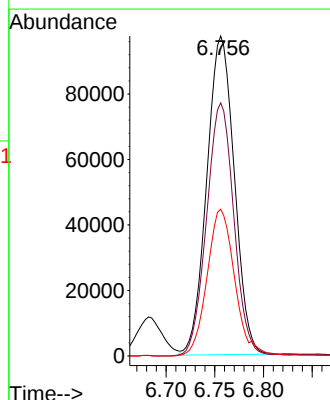
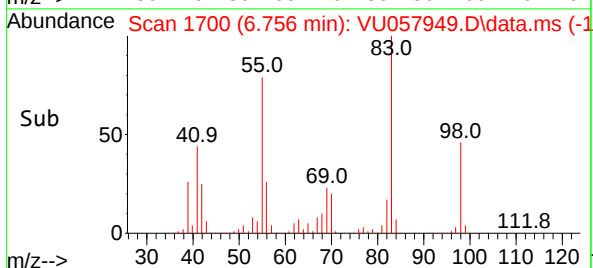
Tgt Ion: 95 Resp: 115012
Ion Ratio Lower Upper
95 100
97 64.8 44.2 82.2
132 89.7 61.4 114.0
130 94.7 63.8 118.4

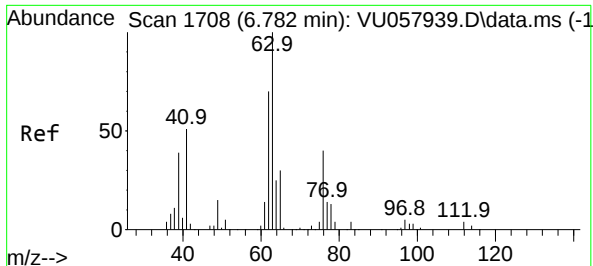


#35
Methylcyclohexane
Concen: 49.550 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54



Tgt Ion: 83 Resp: 191390
Ion Ratio Lower Upper
83 100
55 78.7 62.7 94.1
98 46.2 36.3 54.5





#37

1,2-Dichloropropane

Concen: 47.337 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

Instrument :

MSVOA_U

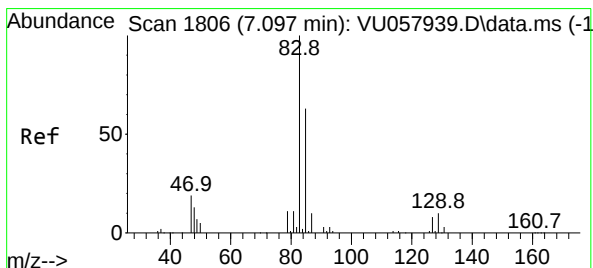
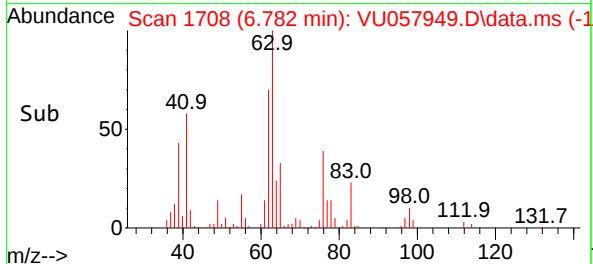
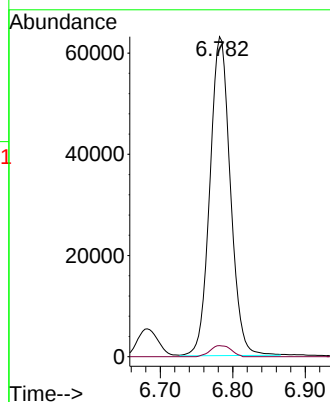
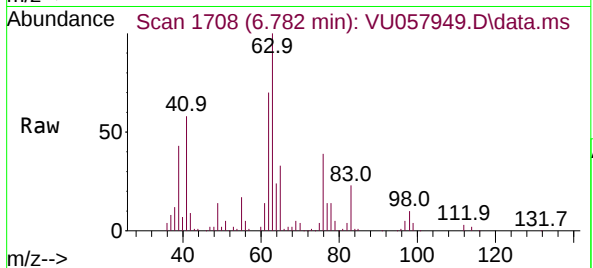
ClientSampleId :

Tgt Ion: 63 Resp: 123535

Ion Ratio Lower Upper

63 100

112 3.6 2.9 4.3



#38

Bromodichloromethane

Concen: 49.578 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

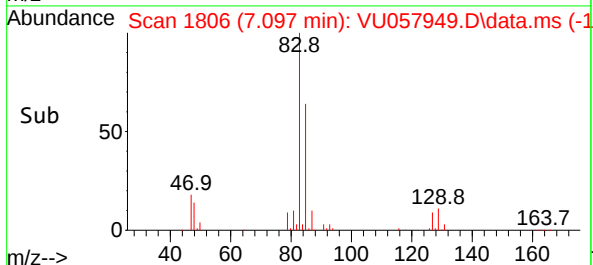
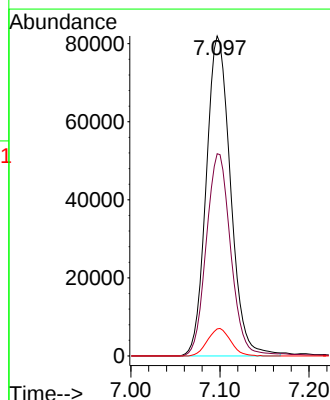
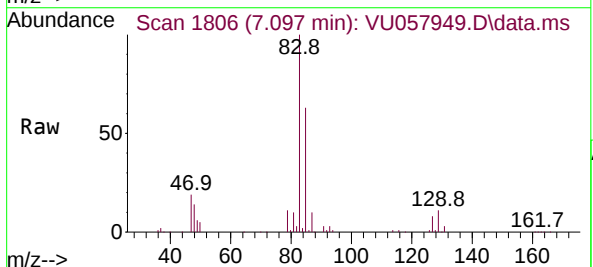
Tgt Ion: 83 Resp: 155366

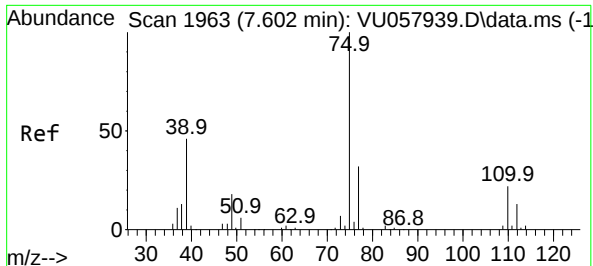
Ion Ratio Lower Upper

83 100

85 63.2 45.4 84.4

127 8.4 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 48.201 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

Instrument :

MSVOA_U

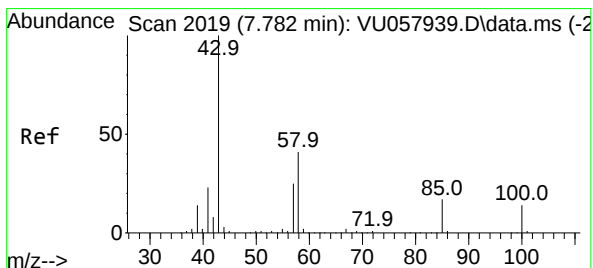
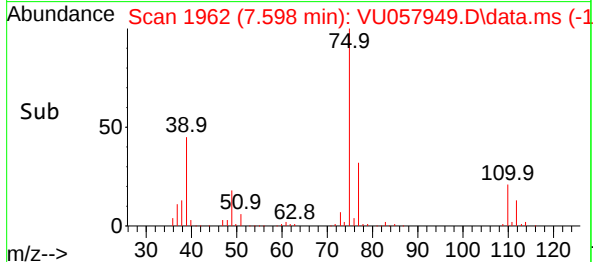
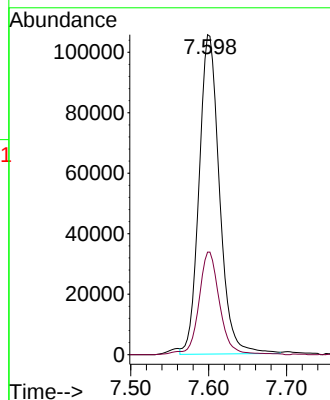
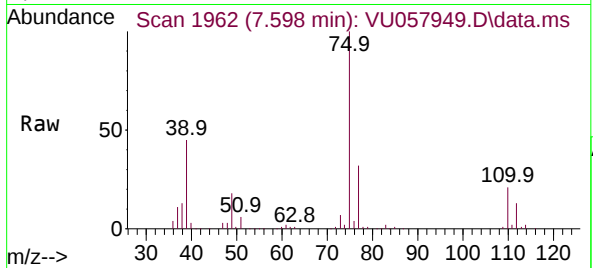
ClientSampleId :

Tgt Ion: 75 Resp: 192230

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 91.760 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

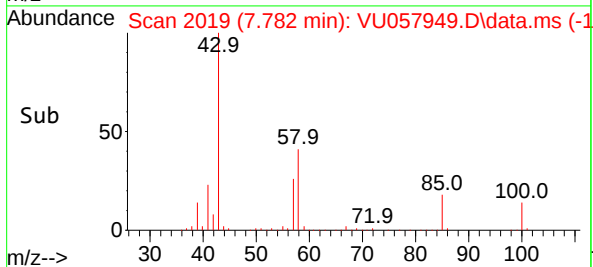
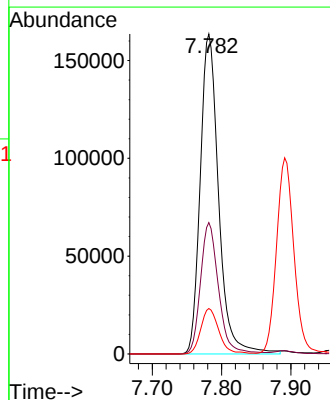
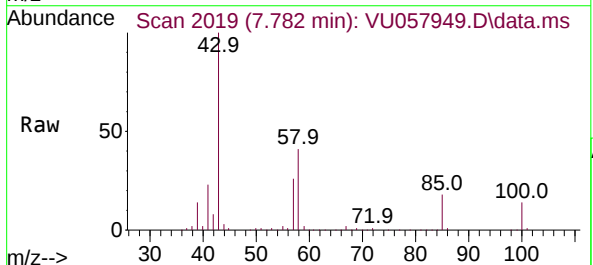
Tgt Ion: 43 Resp: 301431

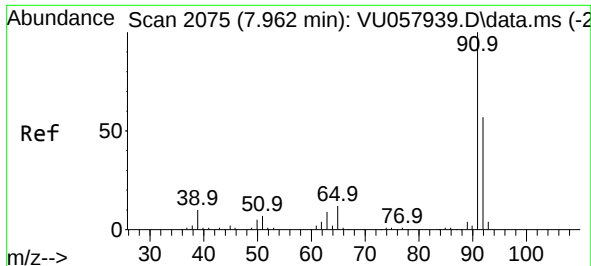
Ion Ratio Lower Upper

43 100

58 40.3 32.3 48.5

100 13.7 11.4 17.0





#42

Toluene

Concen: 48.323 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

Instrument :

MSVOA_U

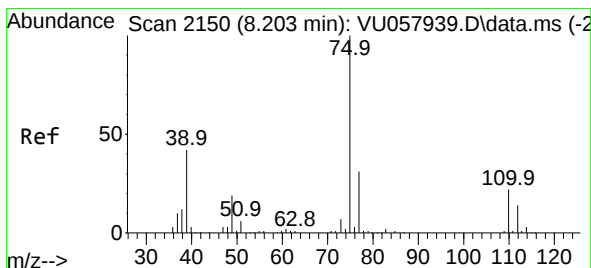
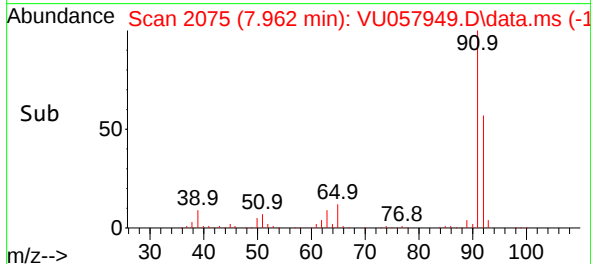
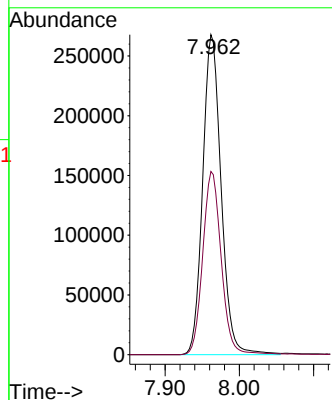
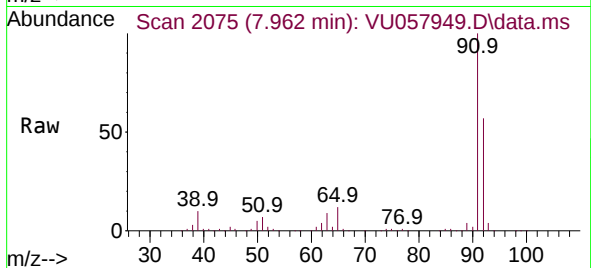
ClientSampleId :

Tgt Ion: 91 Resp: 462537

Ion Ratio Lower Upper

91 100

92 57.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 48.949 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU057949.D

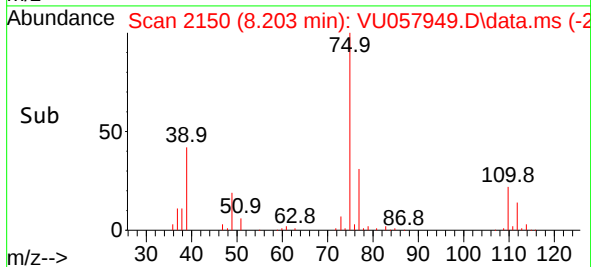
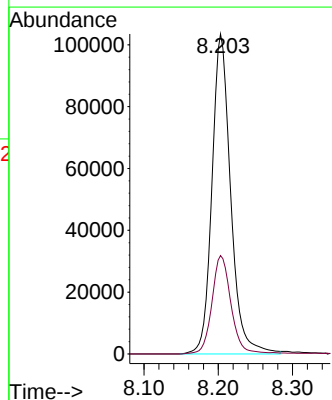
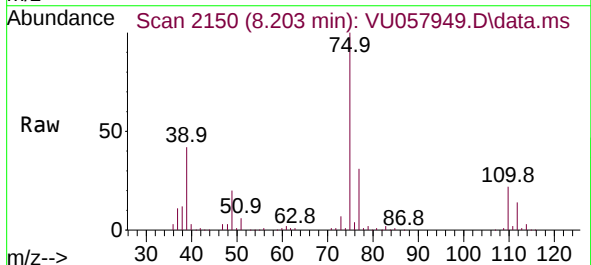
Acq: 27 Feb 2024 09:54

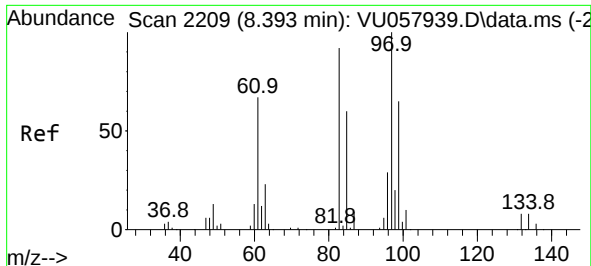
Tgt Ion: 75 Resp: 181158

Ion Ratio Lower Upper

75 100

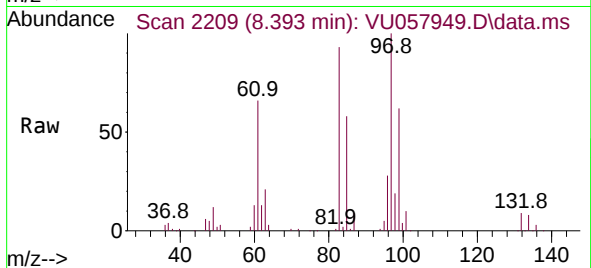
77 30.8 21.8 40.4



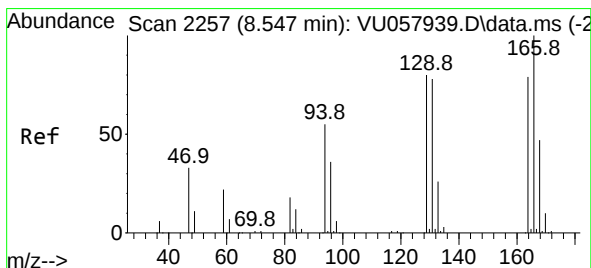
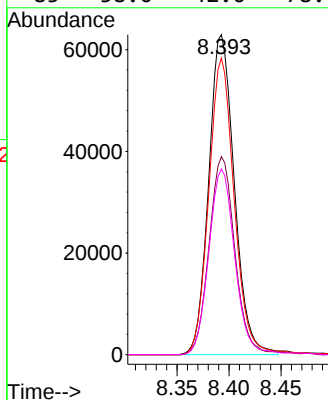
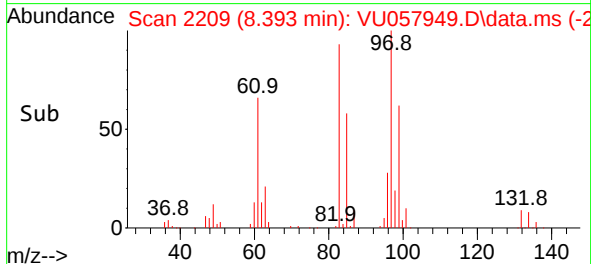


#45
1,1,2-Trichloroethane
Concen: 46.645 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

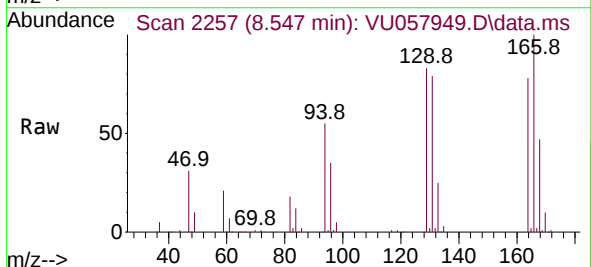
Instrument :
MSVOA_U
ClientSampleId :



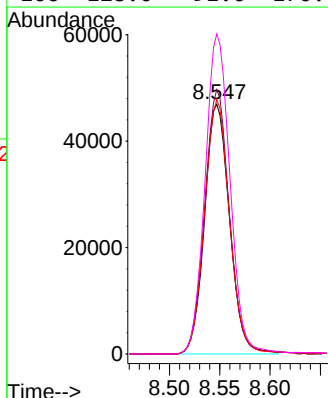
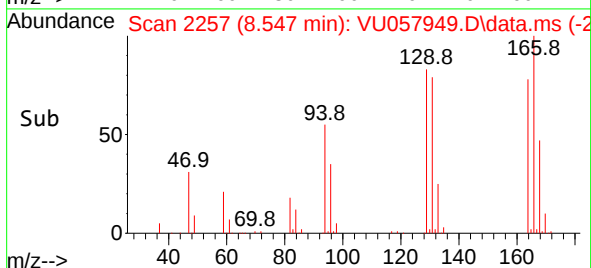
Tgt Ion:	97	Resp:	108159
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.0	80.0
83	92.7	65.0	120.6
85	58.0	42.0	78.0

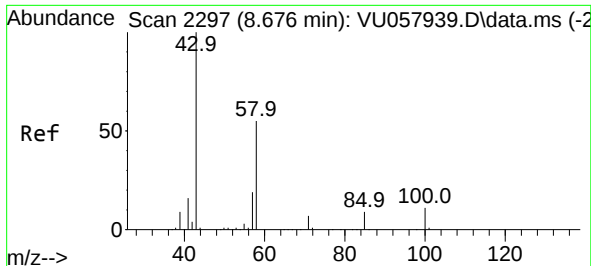


#46
Tetrachloroethene
Concen: 49.501 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54



Tgt Ion:	164	Resp:	80989
Ion	Ratio	Lower	Upper
164	100		
129	105.7	74.1	137.7
131	101.7	72.0	133.6
166	128.0	91.6	170.0

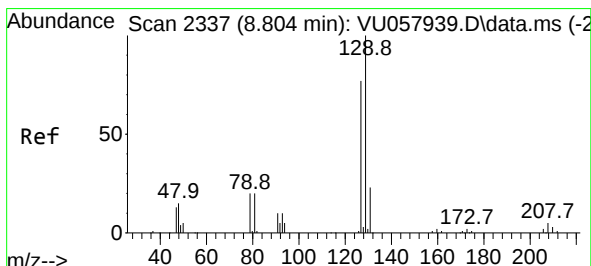
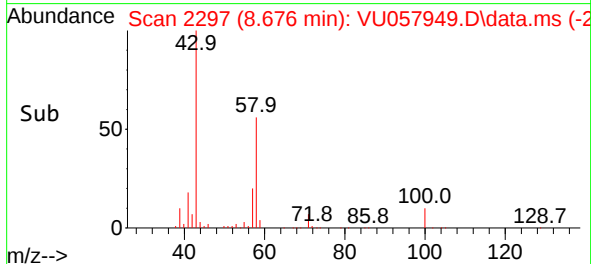
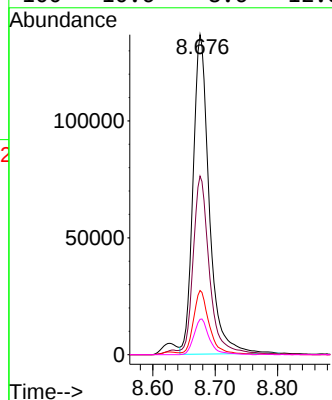
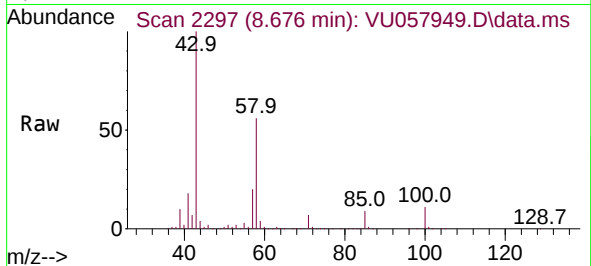




#48
2-Hexanone
Concen: 91.878 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

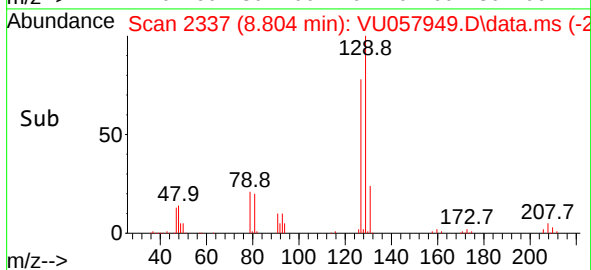
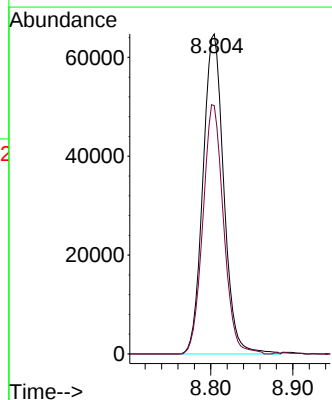
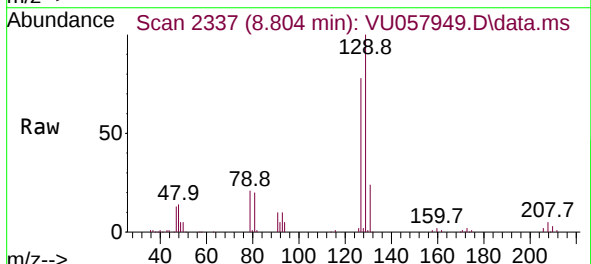
Instrument :
MSVOA_U
ClientSampleId :

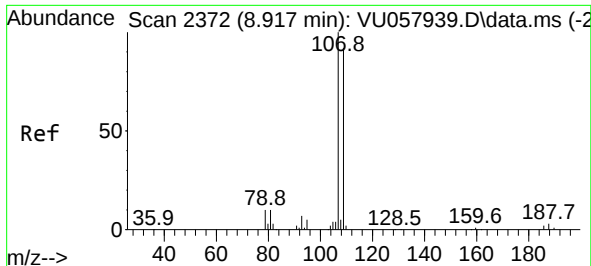
Tgt Ion: 43 Resp: 246351
Ion Ratio Lower Upper
43 100
58 55.3 43.8 65.8
57 19.8 15.5 23.3
100 10.6 8.6 12.8



#49
Dibromochloromethane
Concen: 49.313 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

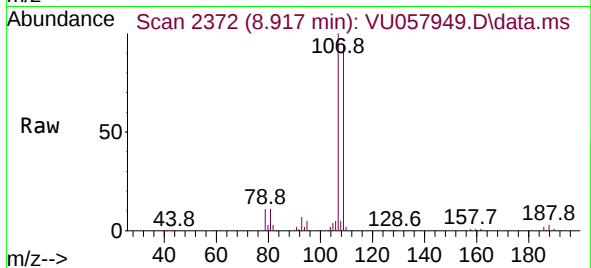
Tgt Ion: 129 Resp: 113875
Ion Ratio Lower Upper
129 100
127 77.6 53.3 99.1



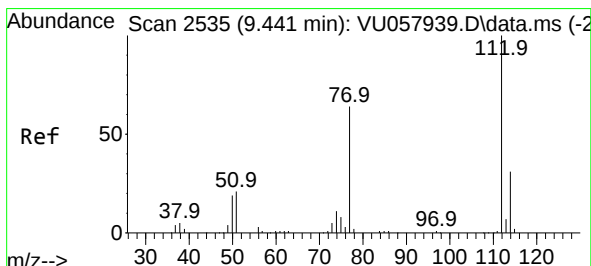
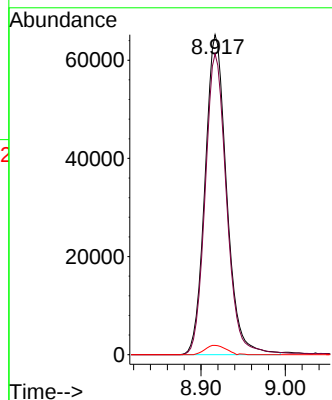
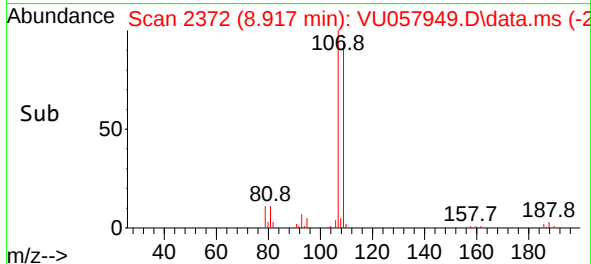


#50
1,2-Dibromoethane
Concen: 47.740 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Instrument :
MSVOA_U
ClientSampleId :

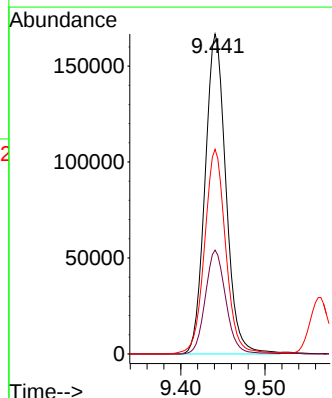
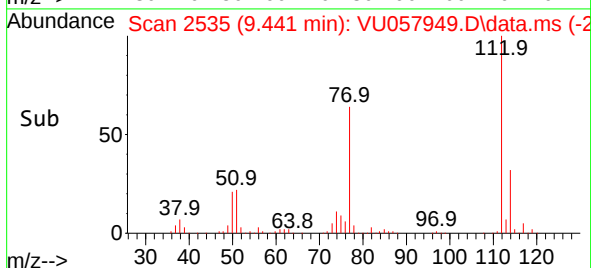
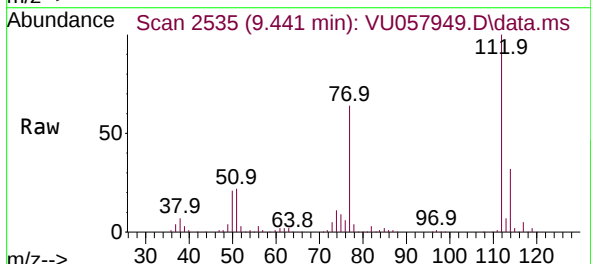


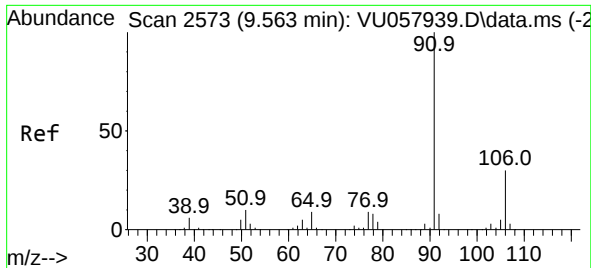
Tgt Ion:107 Resp: 116557
Ion Ratio Lower Upper
107 100
109 94.0 66.1 122.8
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 47.370 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion:112 Resp: 288323
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.1
77 63.9 51.8 77.8

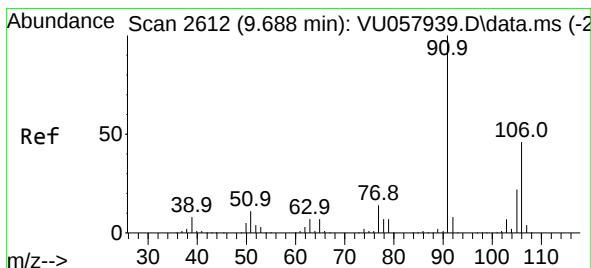
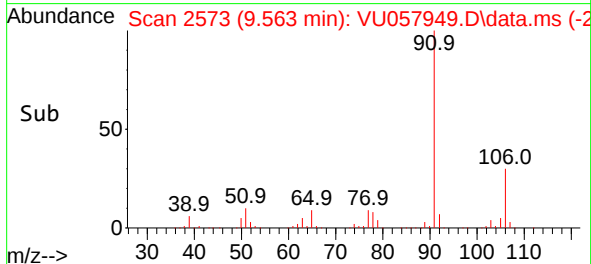
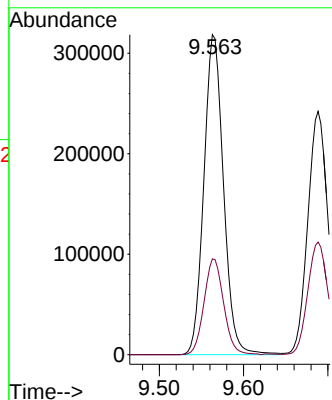
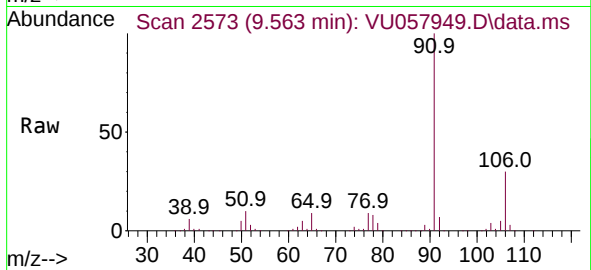




#52
Ethylbenzene
Concen: 48.169 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

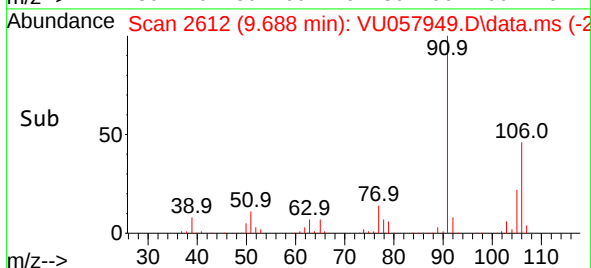
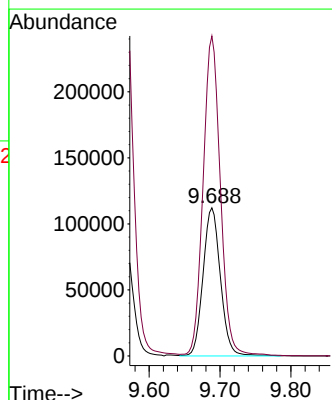
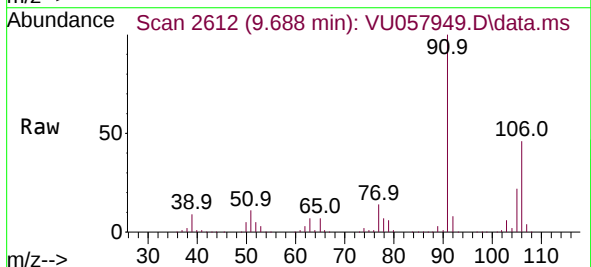
Instrument :
MSVOA_U
ClientSampleId :

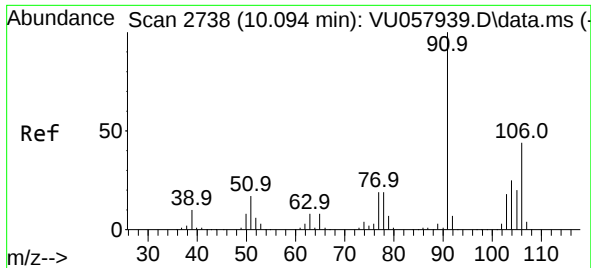
Tgt Ion: 91 Resp: 516977
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.1



#53
m,p-Xylene
Concen: 48.949 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion:106 Resp: 191056
Ion Ratio Lower Upper
106 100
91 216.0 150.2 279.0

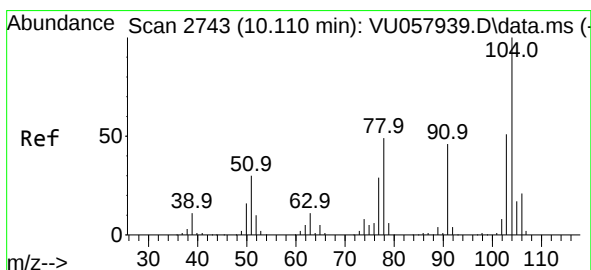
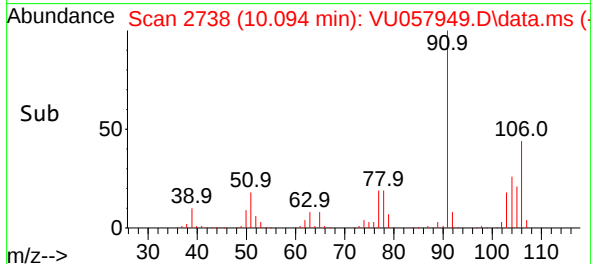
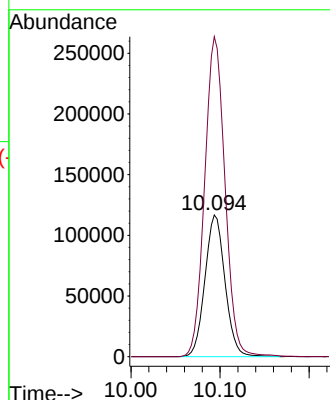
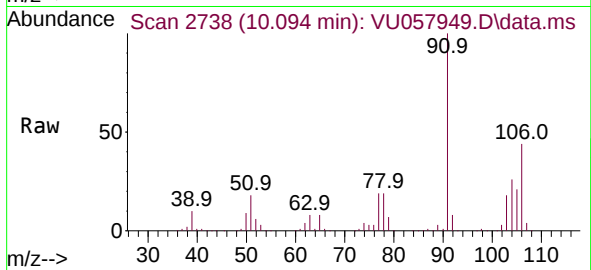




#54
o-Xylene
Concen: 47.404 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

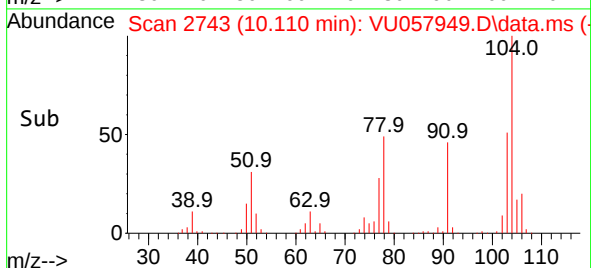
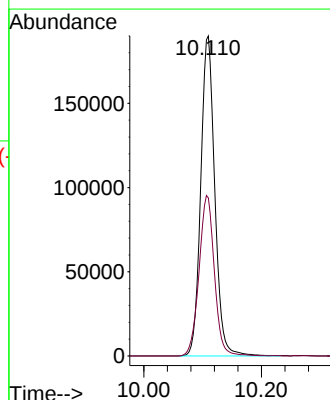
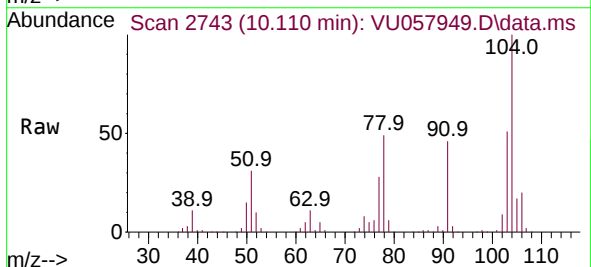
Instrument :
MSVOA_U
ClientSampleId :

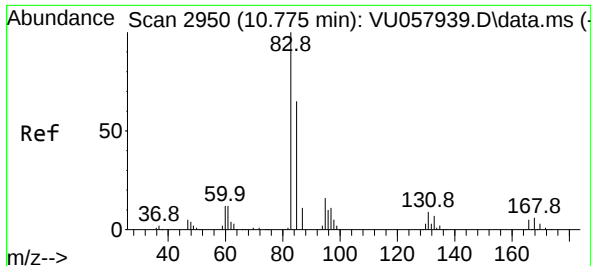
Tgt Ion:106 Resp: 182811
Ion Ratio Lower Upper
106 100
91 225.8 161.3 299.5



#55
Styrene
Concen: 47.662 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion:104 Resp: 315197
Ion Ratio Lower Upper
104 100
78 49.4 35.6 66.2

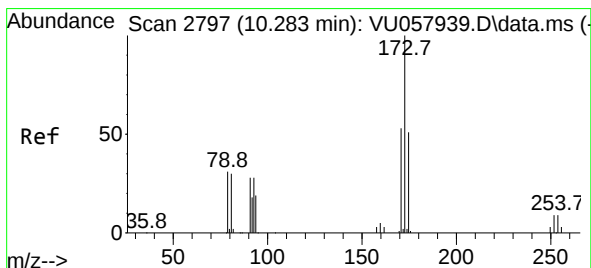
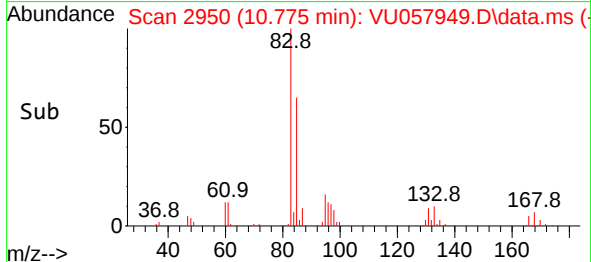
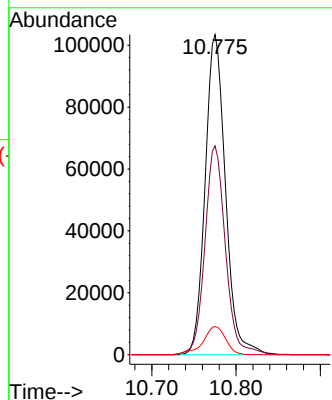
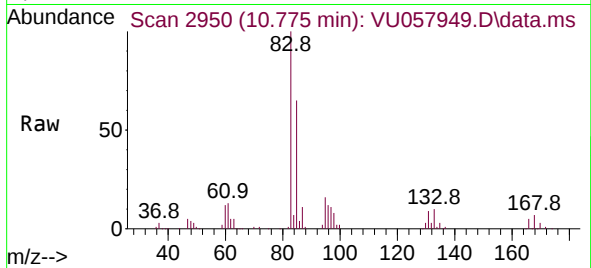




#57
1,1,2,2-Tetrachloroethane
Concen: 43.944 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

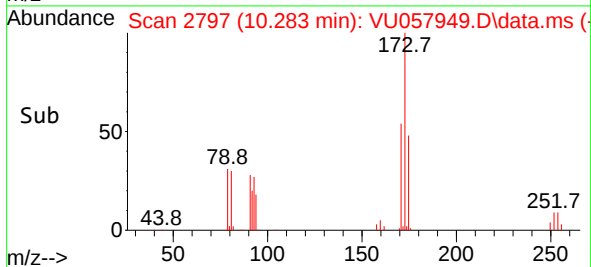
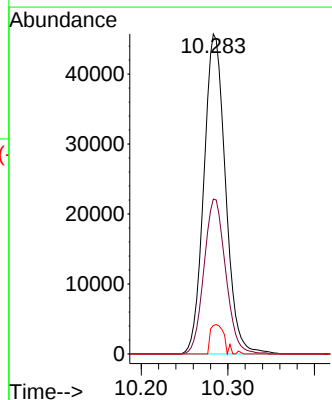
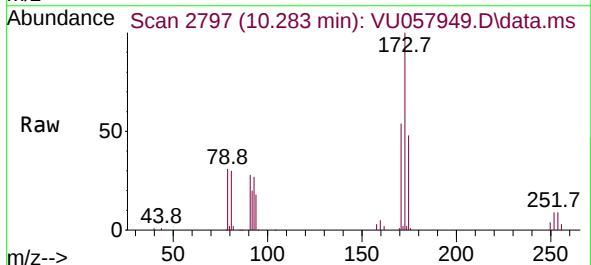
Instrument :
MSVOA_U
ClientSampleId :

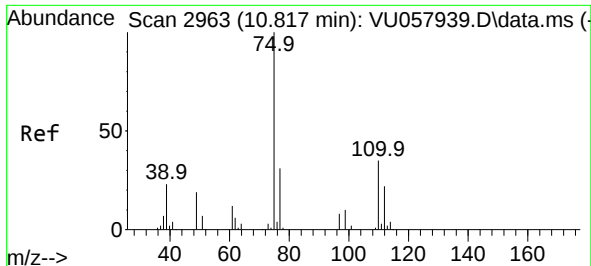
Tgt Ion: 83 Resp: 173583
Ion Ratio Lower Upper
83 100
85 65.2 45.2 84.0
131 8.8 7.8 11.6



#59
Bromoform
Concen: 49.587 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion: 173 Resp: 79352
Ion Ratio Lower Upper
173 100
175 48.4 38.8 58.2
254 5.4 1.0 1.6#

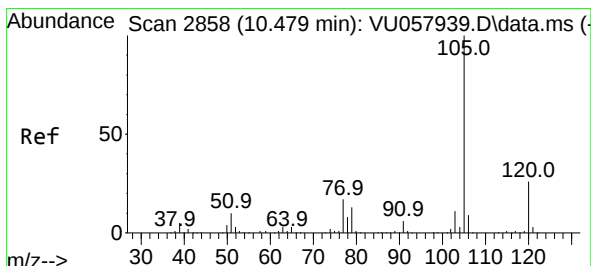
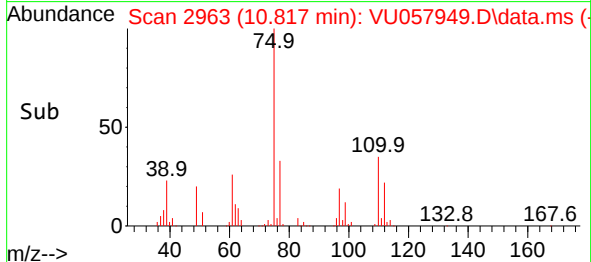
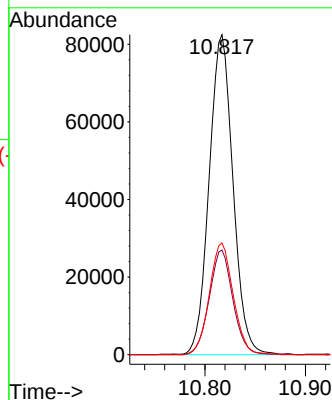
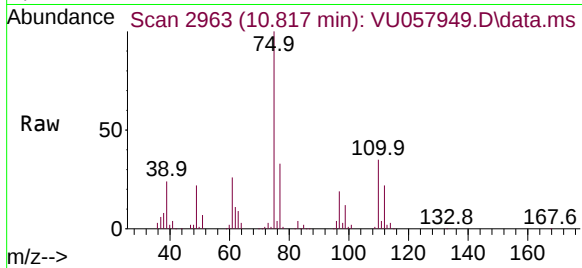




#60
1,2,3-Trichloropropane
Concen: 45.022 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

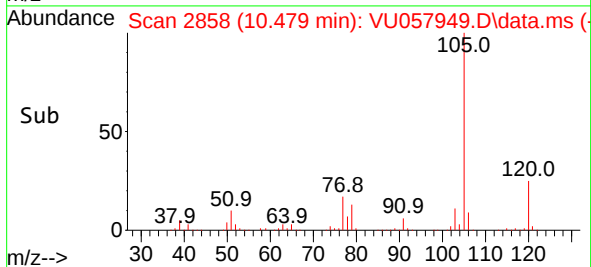
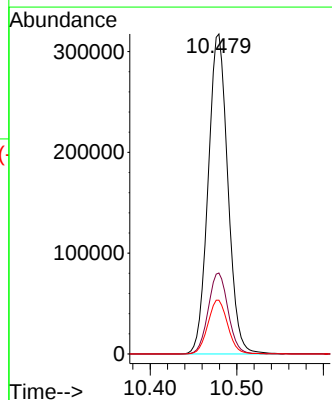
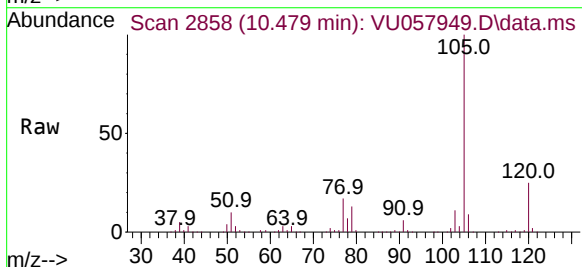
Instrument :
MSVOA_U
ClientSampleId :

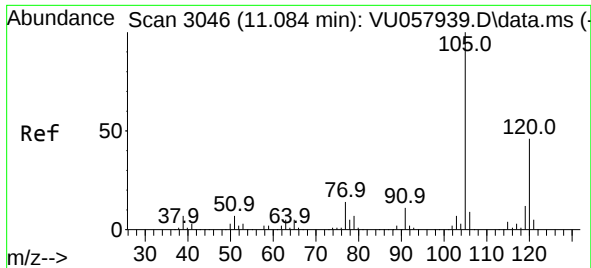
Tgt Ion: 75 Resp: 135978
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9
110 34.8 28.3 42.5



#61
Isopropylbenzene
Concen: 49.141 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion: 105 Resp: 500637
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 17.0 13.5 20.3

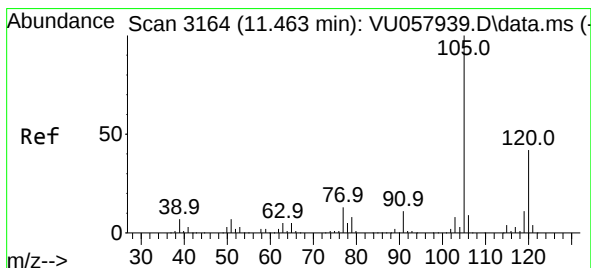
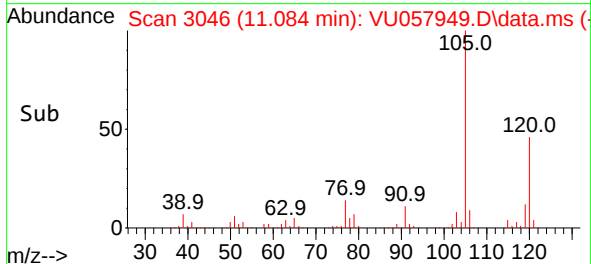
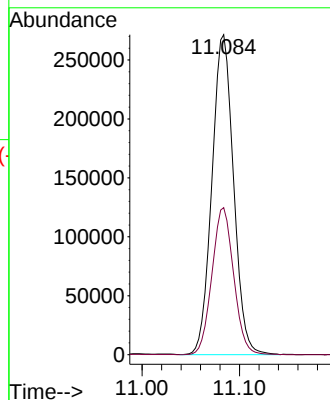
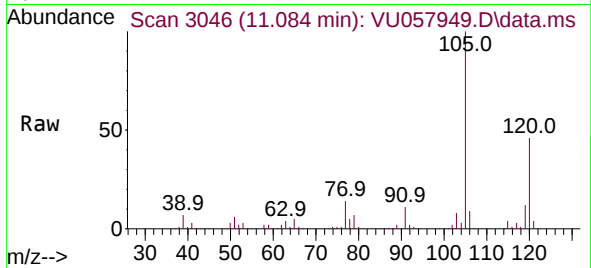




#62
1,3,5-Trimethylbenzene
Concen: 47.724 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

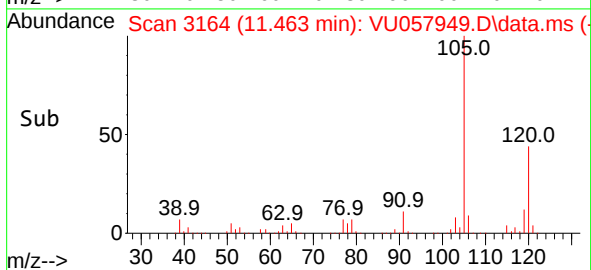
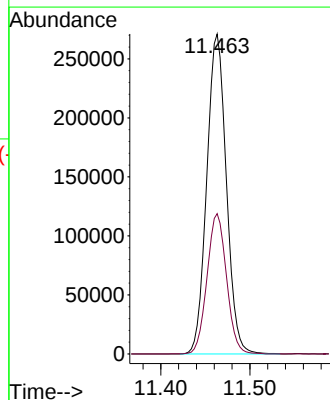
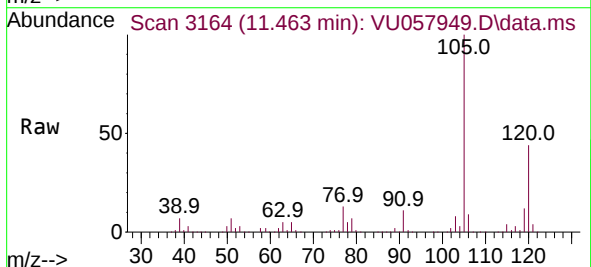
Instrument :
MSVOA_U
ClientSampleId :

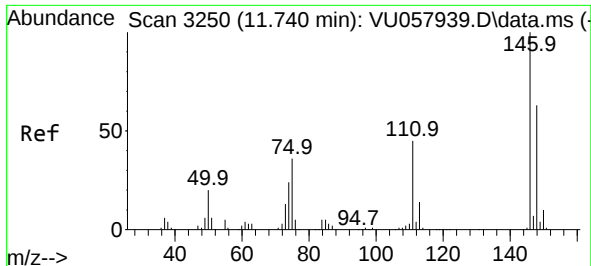
Tgt Ion:105 Resp: 418888
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 46.838 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

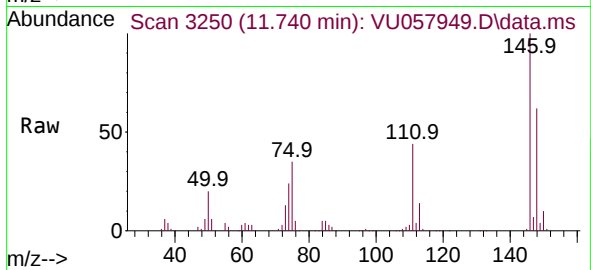
Tgt Ion:105 Resp: 413095
Ion Ratio Lower Upper
105 100
120 43.7 34.8 52.2



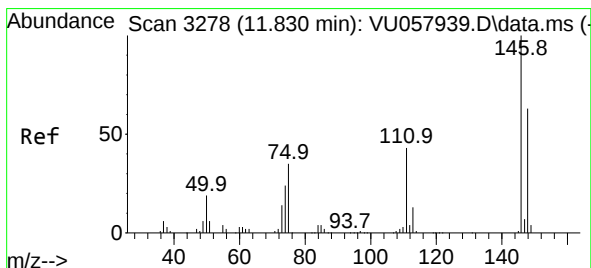
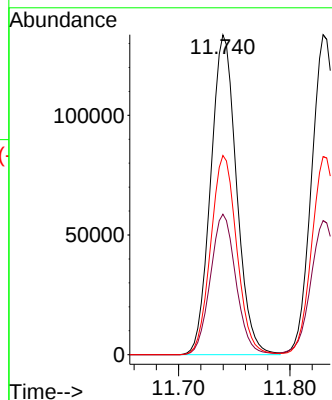
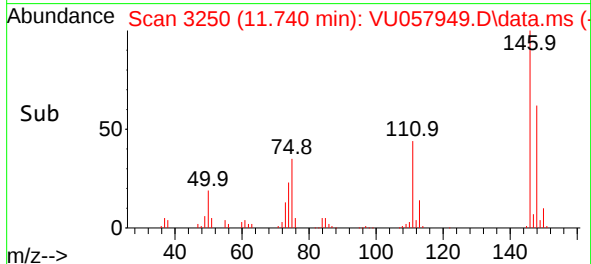


#64
1,3-Dichlorobenzene
Concen: 47.800 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

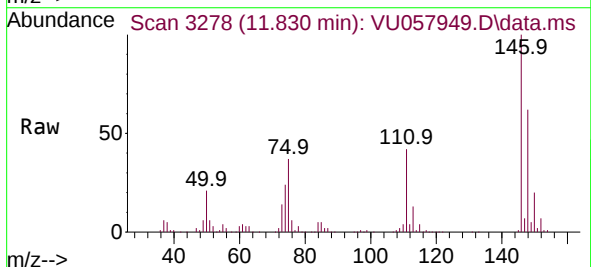
Instrument :
MSVOA_U
ClientSampleId :



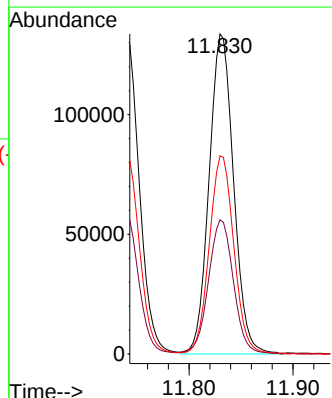
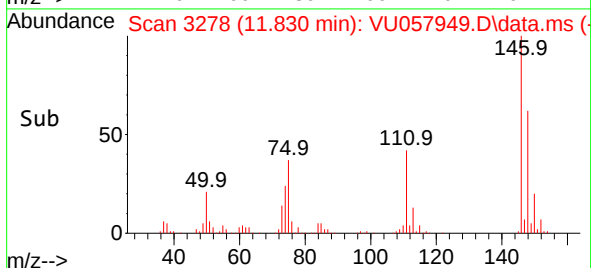
Tgt Ion:146 Resp: 215316
Ion Ratio Lower Upper
146 100
111 43.9 31.6 58.6
148 62.3 45.1 83.9

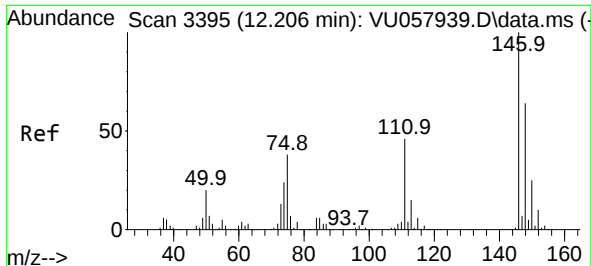


#65
1,4-Dichlorobenzene
Concen: 47.715 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54



Tgt Ion:146 Resp: 218952
Ion Ratio Lower Upper
146 100
111 41.9 29.9 55.5
148 61.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 46.091 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

Instrument :

MSVOA_U

ClientSampleId :

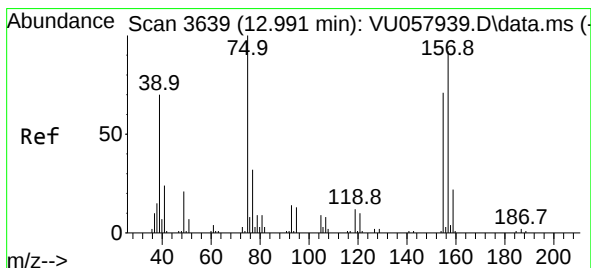
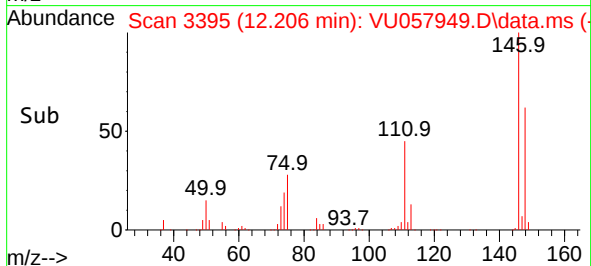
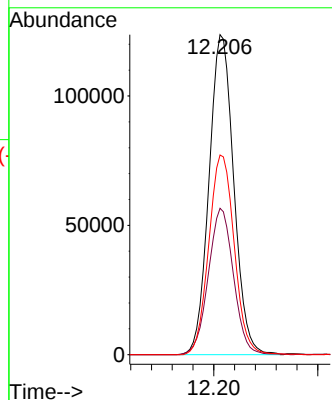
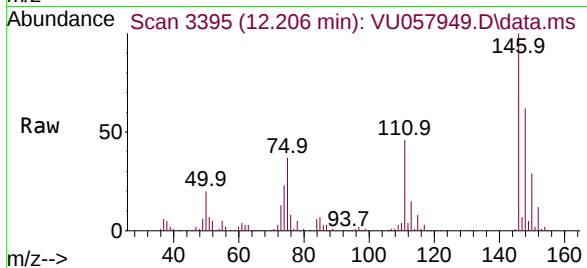
Tgt Ion:146 Resp: 204257

Ion Ratio Lower Upper

146 100

111 45.8 37.3 55.9

148 62.4 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 47.326 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057949.D

Acq: 27 Feb 2024 09:54

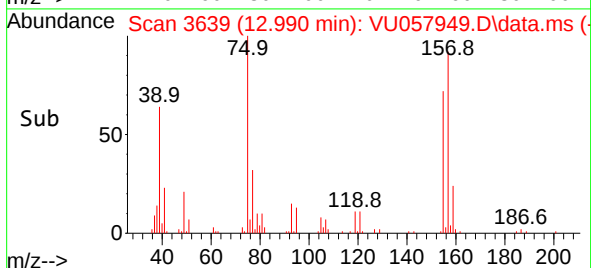
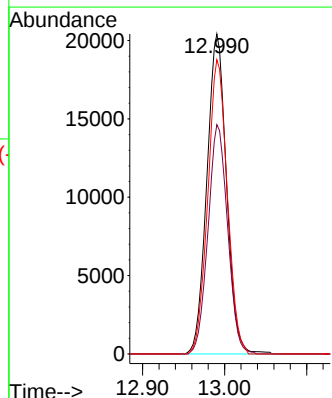
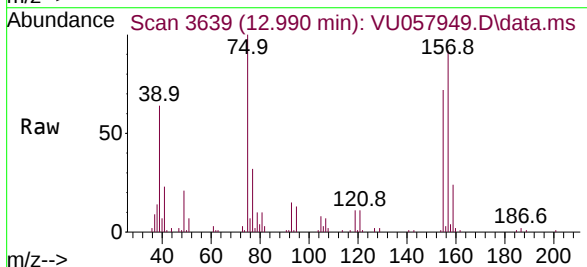
Tgt Ion: 75 Resp: 33937

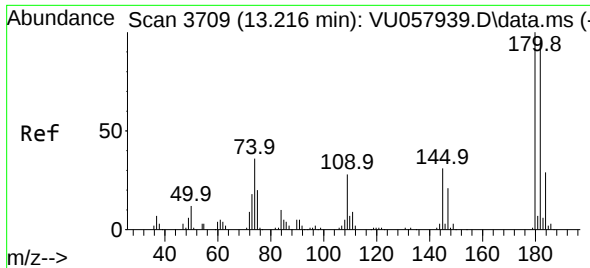
Ion Ratio Lower Upper

75 100

155 74.6 63.2 94.8

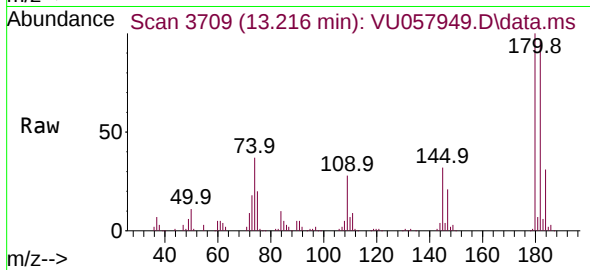
157 95.5 74.6 112.0



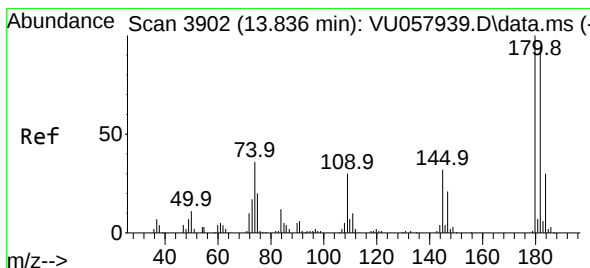
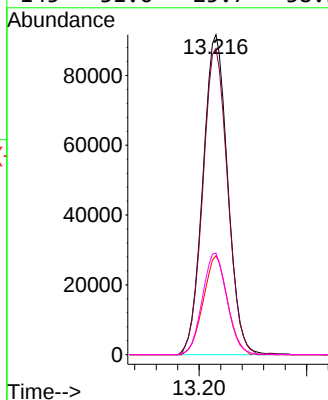
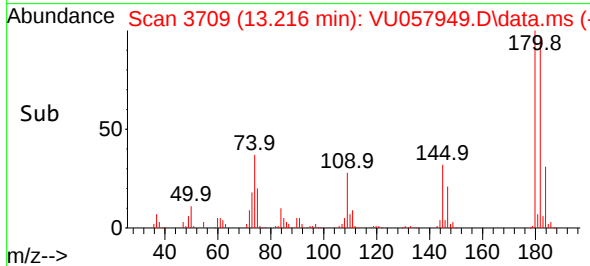


#69
 1,3,5-Trichlorobenzene
 Concen: 48.419 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU057949.D
 Acq: 27 Feb 2024 09:54

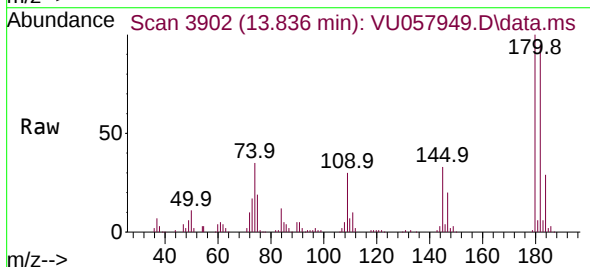
Instrument :
 MSVOA_U
 ClientSampleId :



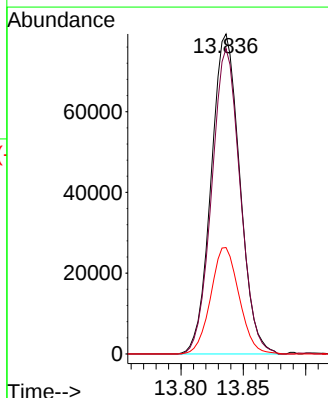
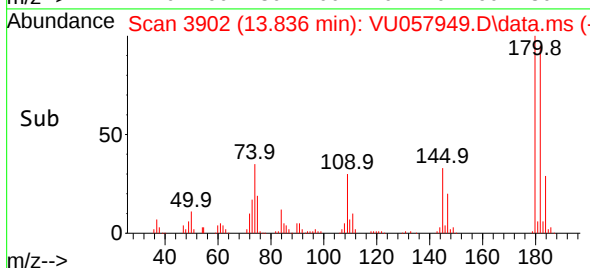
Tgt Ion:180 Resp: 146694
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.6 116.4
 184 30.0 24.1 36.1
 145 31.6 25.7 38.5

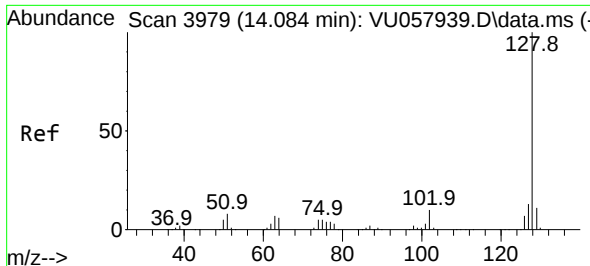


#70
 1,2,4-trichlorobenzene
 Concen: 52.086 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU057949.D
 Acq: 27 Feb 2024 09:54



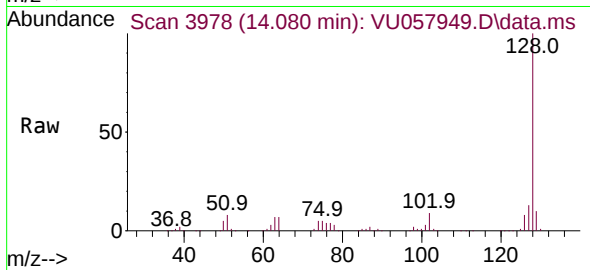
Tgt Ion:180 Resp: 127053
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.8 113.6
 145 32.9 25.9 38.9



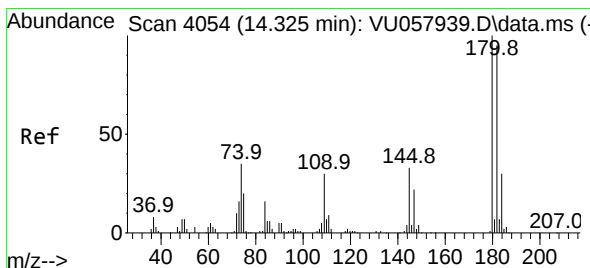
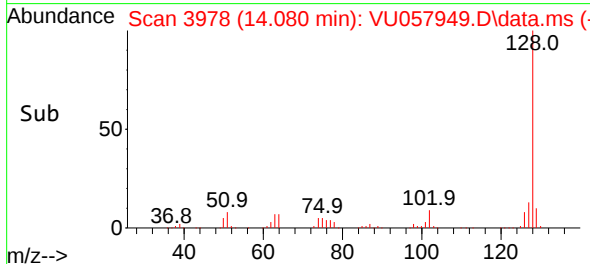
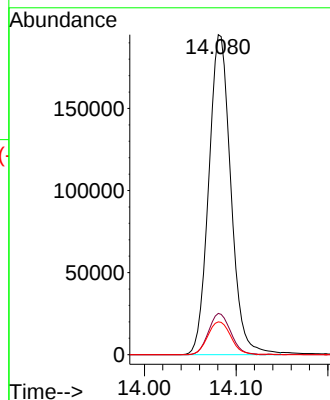


#71
Naphthalene
Concen: 50.369 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 326278
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 51.242 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU057949.D
Acq: 27 Feb 2024 09:54

Tgt Ion:180 Resp: 114809
Ion Ratio Lower Upper
180 100
182 95.3 75.4 113.2
145 34.4 27.8 41.8

