

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059589.D
 Acq On : 28 Jun 2024 01:53
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 02:06:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 00:50:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	159155	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89043	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44457	4.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.907	69	45892	4.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	18956	4.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.621	46	123544	54.195	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.400%
24) Chloroform-d	5.055	84	104763	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	51873	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.721	84	208813	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	63473	4.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.891	98	197504	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.174	79	20529	4.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.627	63	105154	57.629	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59066	5.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	73158	4.616	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	60016	4.450	ug/L	100
3) Chloromethane	1.518	50	66436	4.577	ug/L	99
5) Vinyl chloride	1.602	62	72820	4.542	ug/L	97
6) Bromomethane	1.853	94	49292	4.421	ug/L	94
8) Chloroethane	1.930	64	46575	4.821	ug/L	98
9) Trichlorofluoromethane	2.132	101	91963	4.765	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58062	4.752	ug/L	94
12) 1,1-Dichloroethene	2.573	96	53217	4.714	ug/L	86
13) Acetone	2.634	43	74580	50.434	ug/L	92
14) Carbon disulfide	2.785	76	170768	4.534	ug/L	99
15) Methyl Acetate	2.949	43	21271	5.451	ug/L #	89
16) Methylene chloride	3.036	84	64039	4.788	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	121397	4.991	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	55630	4.739	ug/L	91
19) 1,1-Dichloroethane	3.859	63	103840	4.797	ug/L	98
21) 2-Butanone	4.701	43	126752	53.440	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	61482	4.752	ug/L	95
23) Bromochloromethane	4.968	128	31344	5.313	ug/L #	82
25) Chloroform	5.078	83	111205	4.877	ug/L	98

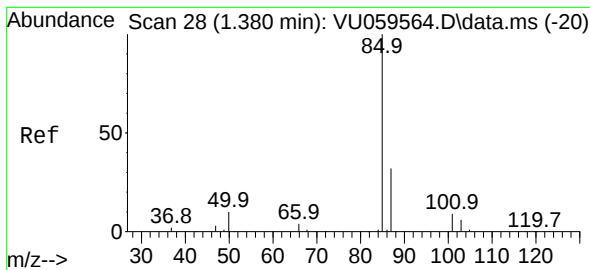
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 Data File : VU059589.D
 Acq On : 28 Jun 2024 01:53
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 Sample : VSTDCCC005
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 ALS Vial : 28 Sample Multiplier: 1

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 MSVOA_U
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Quant Time: Jun 28 02:06:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 00:50:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68319	4.945	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	88859	4.627	ug/L	98
30) Cyclohexane	5.380	56	76156	4.492	ug/L	94
31) Carbon tetrachloride	5.515	117	75580	4.701	ug/L	98
33) Benzene	5.766	78	241303	4.778	ug/L	100
34) Trichloroethene	6.534	95	64397	4.709	ug/L	97
35) Methylcyclohexane	6.756	83	85629	4.400	ug/L	95
37) 1,2-Dichloropropane	6.785	63	63661	4.871	ug/L #	97
38) Bromodichloromethane	7.097	83	79474	4.872	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	80999	4.532	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	321343	53.065	ug/L	95
42) Toluene	7.962	91	263087	4.921	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	67772	4.724	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48833	5.071	ug/L	99
47) Tetrachloroethene	8.547	164	50878	4.794	ug/L	97
48) 2-Hexanone	8.679	43	235602	54.514	ug/L #	93
49) Dibromochloromethane	8.801	129	53434	5.009	ug/L	97
50) 1,2-Dibromoethane	8.917	107	45885	5.159	ug/L	99
51) Chlorobenzene	9.441	112	161958	4.776	ug/L	95
52) Ethylbenzene	9.563	91	256586	4.678	ug/L	97
53) m,p-Xylene	9.688	106	102027	4.844	ug/L	94
54) o-Xylene	10.094	106	97631	4.884	ug/L	95
55) Styrene	10.110	104	171441	5.038	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	62025	5.309	ug/L	99
59) Bromoform	10.283	173	32774	4.809	ug/L #	99
60) Isopropylbenzene	10.479	105	252433	4.589	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	40568	4.930	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	192984	4.429	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	188419	4.523	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	131296	4.693	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	131147	4.554	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	123574	4.694	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8468	5.276	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	92086	4.447	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	70587	4.443	ug/L	98
71) Naphthalene	14.084	128	103859	4.568	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	67829	4.598	ug/L	98

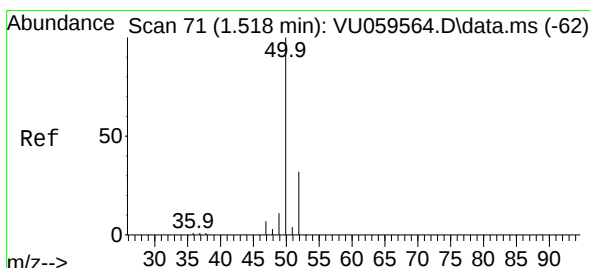
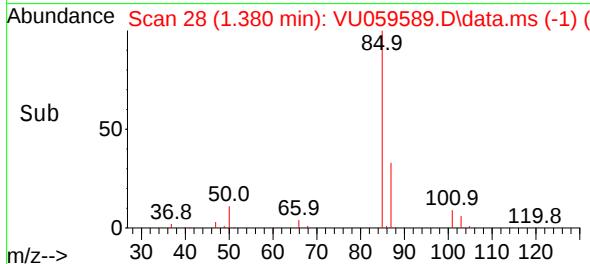
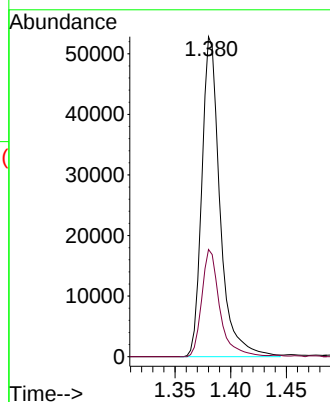
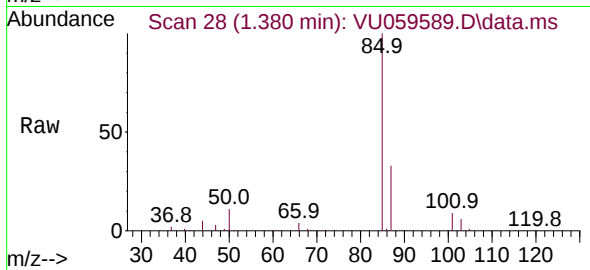
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.450 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU059589.D
 Acq: 28 Jun 2024 01:53

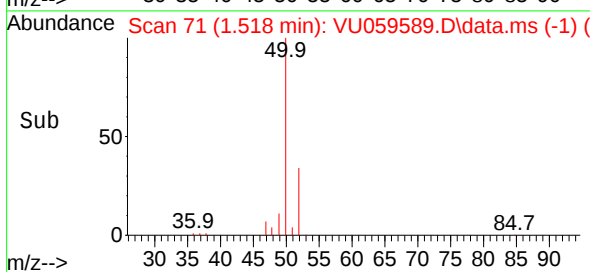
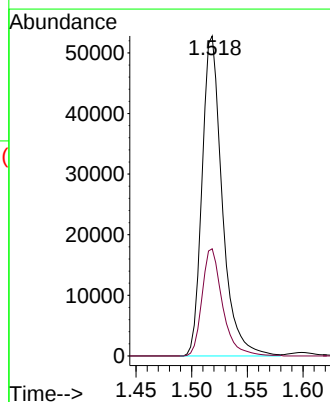
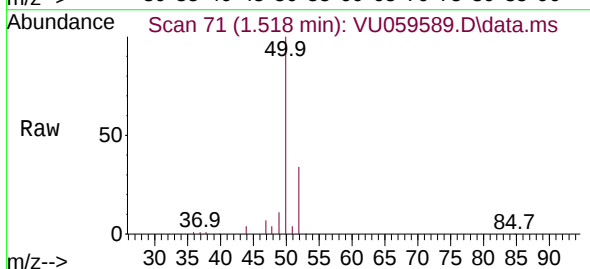
Instrument :
 MSVOA_U
 ClientSampleId :

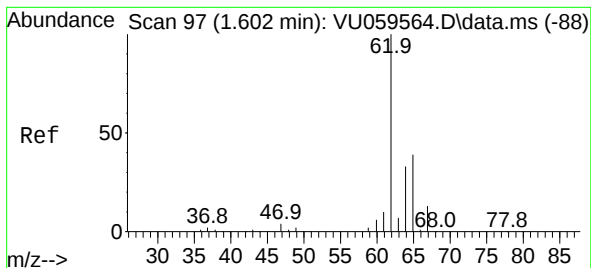
Tgt Ion: 85 Resp: 60016
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.6 40.0



#3
 Chloromethane
 Concen: 4.577 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU059589.D
 Acq: 28 Jun 2024 01:53

Tgt Ion: 50 Resp: 66436
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.2 43.0





#5

Vinyl chloride

Concen: 4.542 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

Instrument :

MSVOA_U

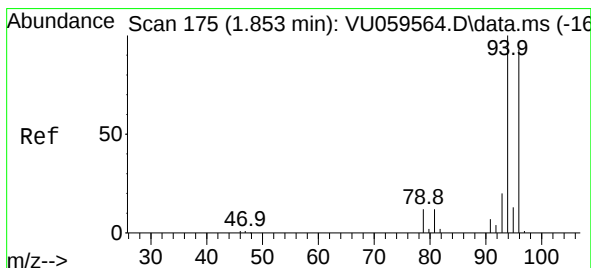
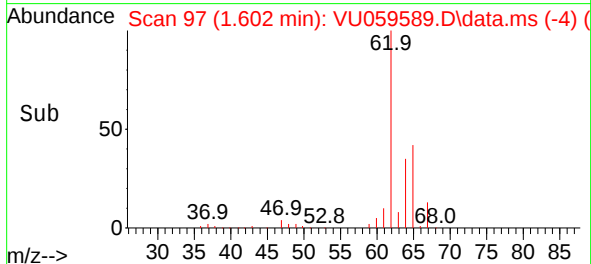
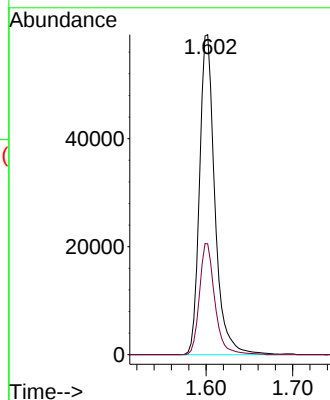
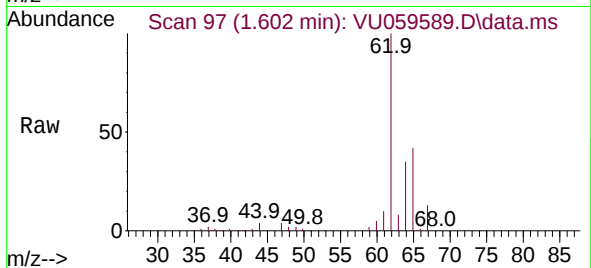
ClientSampleId :

Tgt Ion: 62 Resp: 72820

Ion Ratio Lower Upper

62 100

64 34.6 23.1 42.9



#6

Bromomethane

Concen: 4.421 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU059589.D

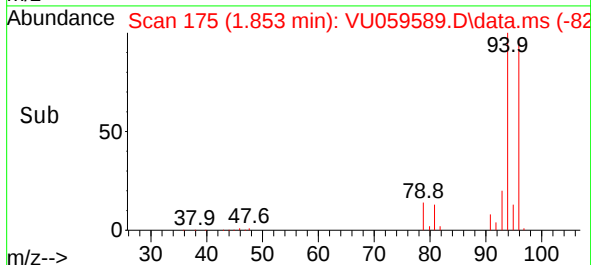
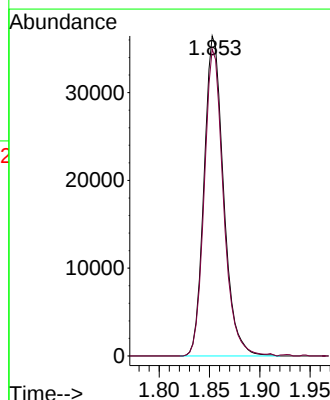
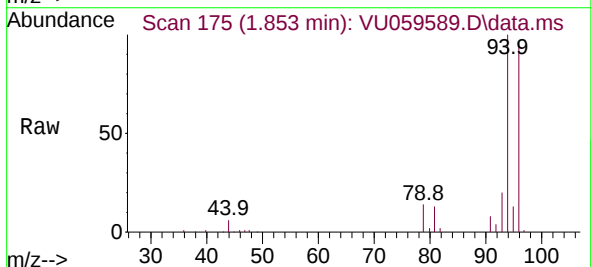
Acq: 28 Jun 2024 01:53

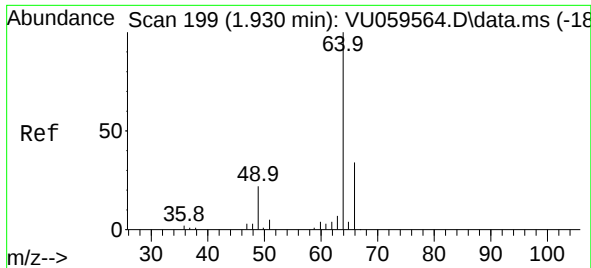
Tgt Ion: 94 Resp: 49292

Ion Ratio Lower Upper

94 100

96 95.9 62.9 116.9

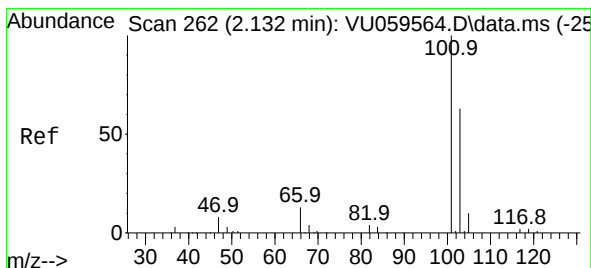
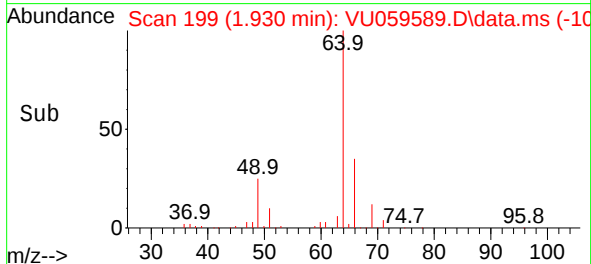
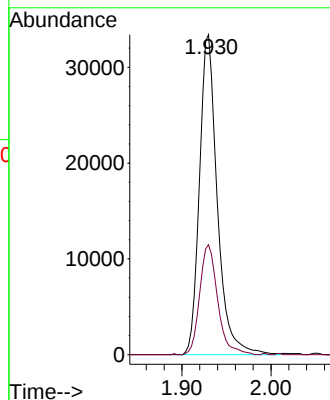
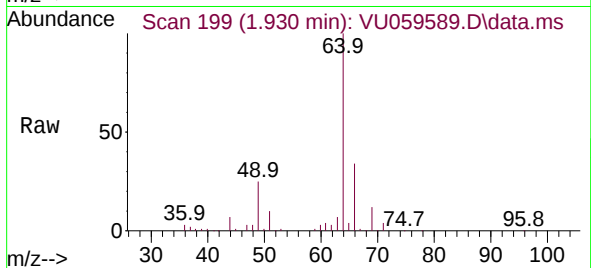




#8
Chloroethane
Concen: 4.821 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

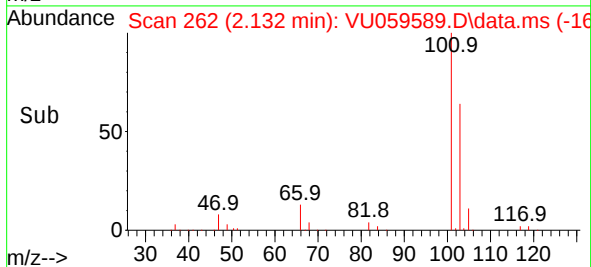
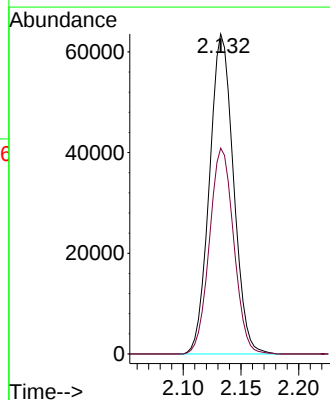
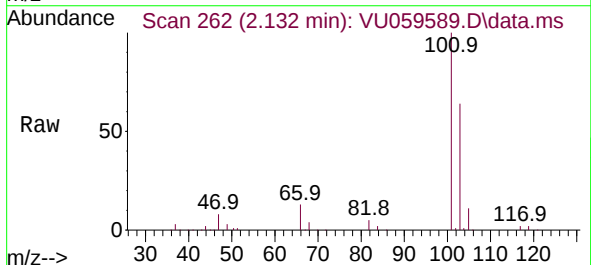
Instrument :
MSVOA_U
ClientSampleId :

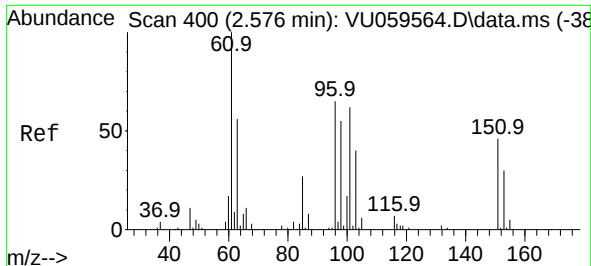
Tgt Ion: 64 Resp: 46575
Ion Ratio Lower Upper
64 100
66 34.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.765 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion:101 Resp: 91963
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0





#10

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

Concen: 4.752 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

Instrument :

MSVOA_U

ClientSampleId :

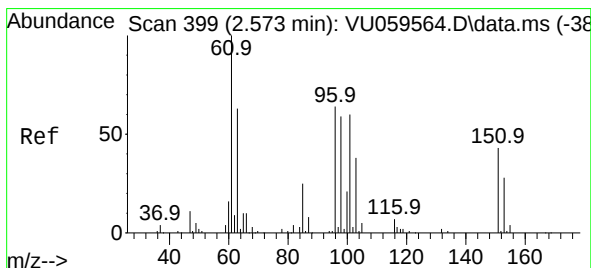
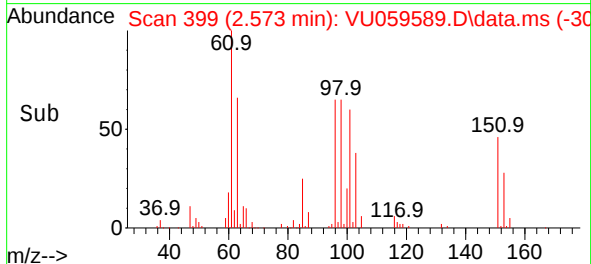
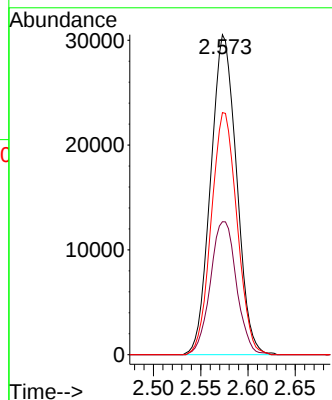
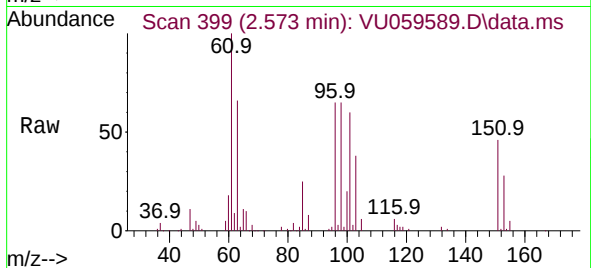
Tgt Ion:101 Resp: 58062

Ion Ratio Lower Upper

101 100

85 41.9 36.2 54.4

151 75.2 55.5 83.3



#12

1,1-Dichloroethene

Concen: 4.714 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

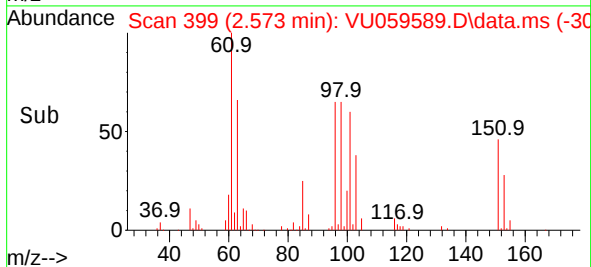
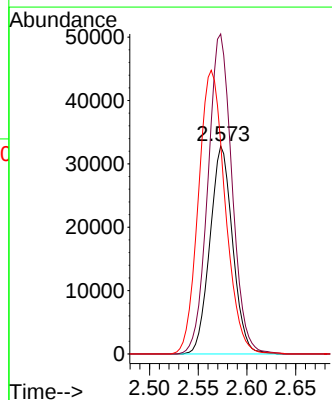
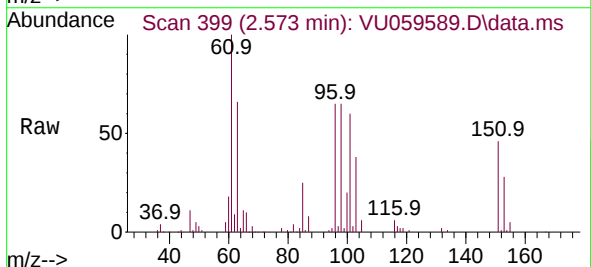
Tgt Ion: 96 Resp: 53217

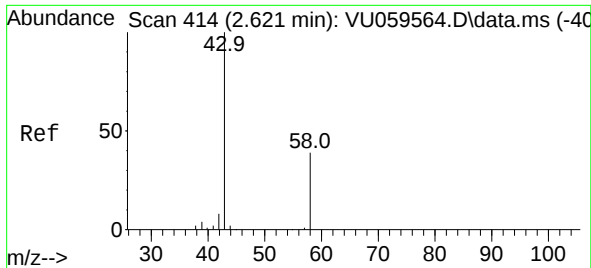
Ion Ratio Lower Upper

96 100

61 153.9 122.9 228.3

63 101.6 80.4 149.4





#13

Acetone

Concen: 50.434 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

Instrument :

MSVOA_U

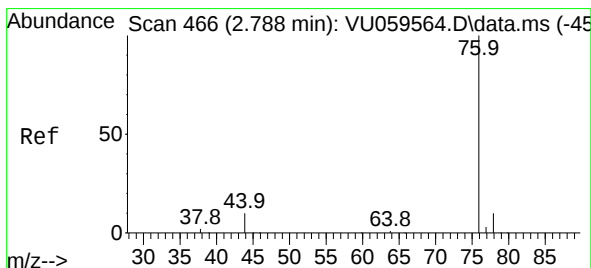
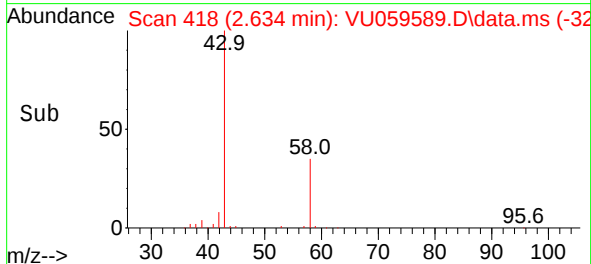
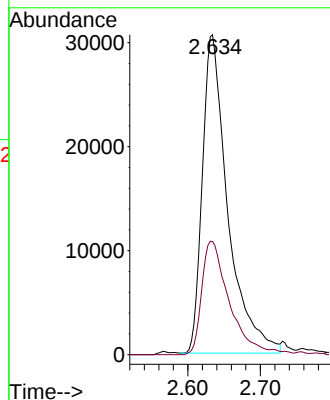
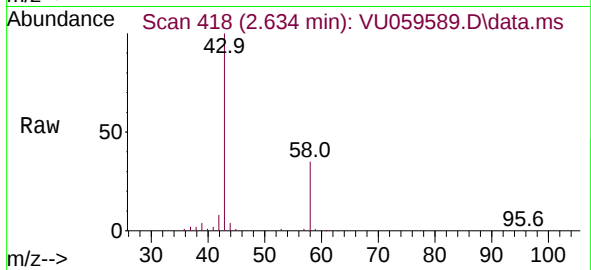
ClientSampleId :

Tgt Ion: 43 Resp: 74580

Ion Ratio Lower Upper

43 100

58 38.8 0.0 68.0



#14

Carbon disulfide

Concen: 4.534 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059589.D

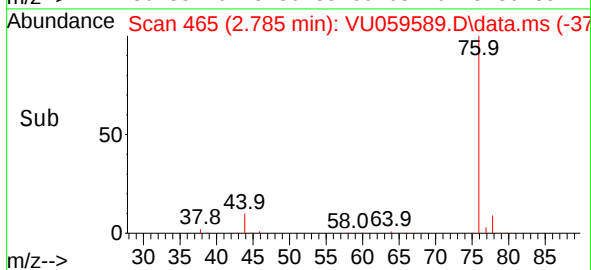
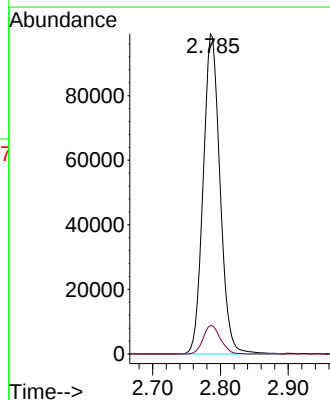
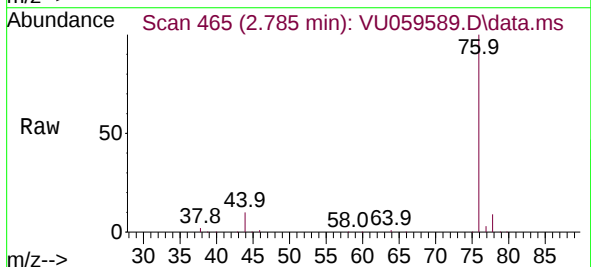
Acq: 28 Jun 2024 01:53

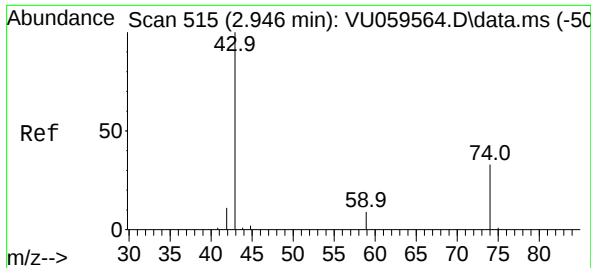
Tgt Ion: 76 Resp: 170768

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#15

Methyl Acetate

Concen: 5.451 ug/L

RT: 2.949 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

Instrument :

MSVOA_U

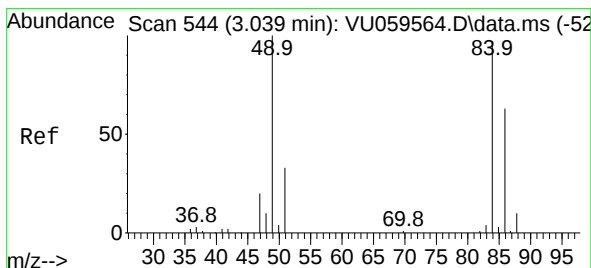
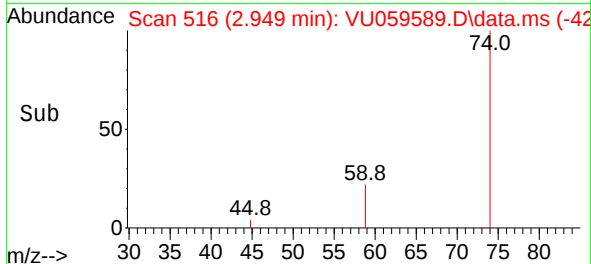
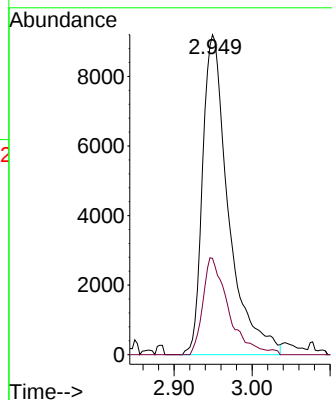
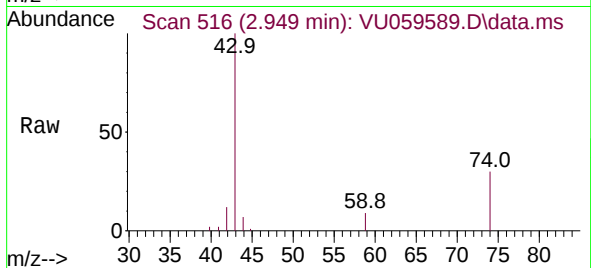
ClientSampleId :

Tgt Ion: 43 Resp: 21271

Ion Ratio Lower Upper

43 100

74 29.5 19.2 28.8#



#16

Methylene chloride

Concen: 4.788 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

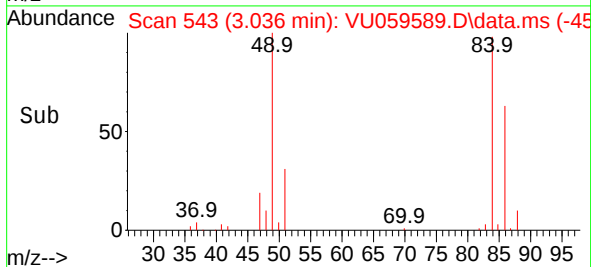
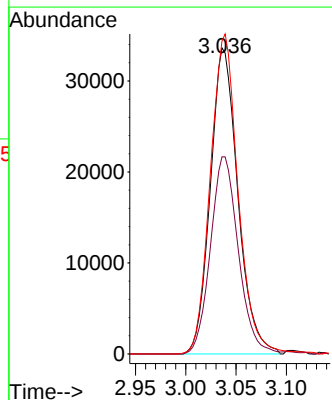
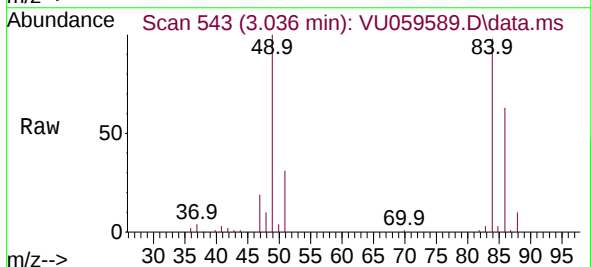
Tgt Ion: 84 Resp: 64039

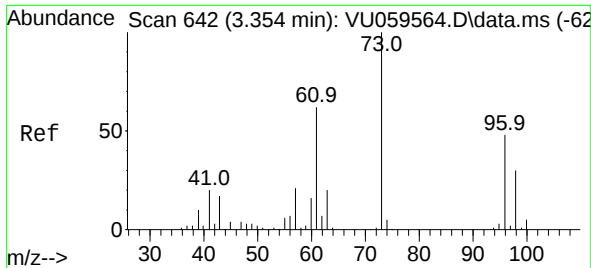
Ion Ratio Lower Upper

84 100

86 64.4 42.1 78.1

49 102.2 80.6 149.8

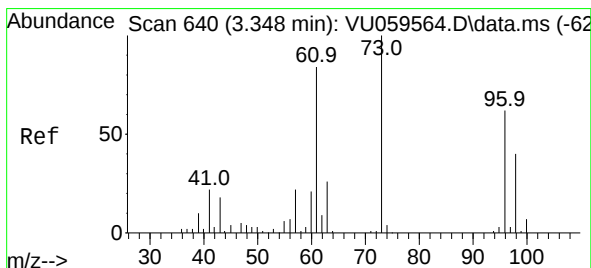
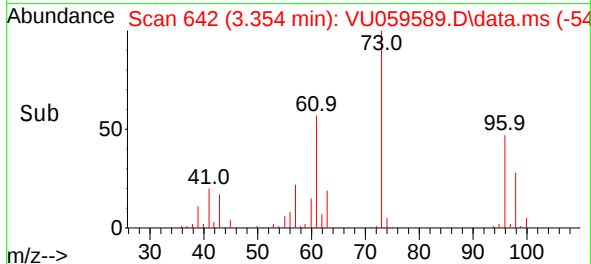
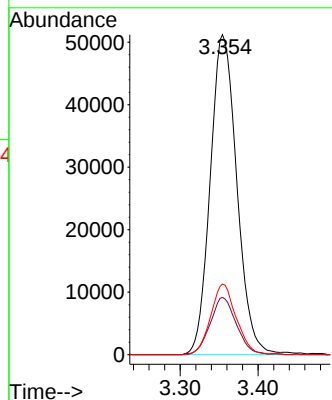
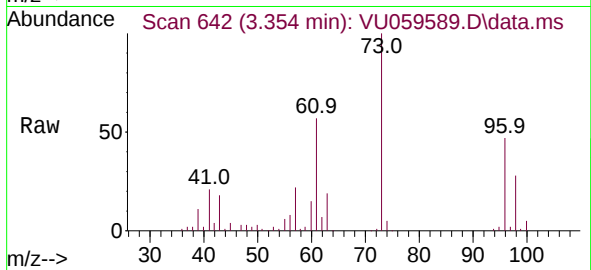




#17
Methyl tert-butyl Ether
Concen: 4.991 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

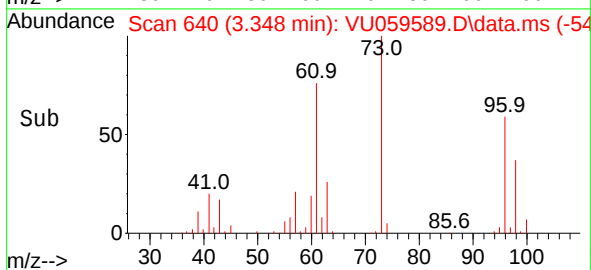
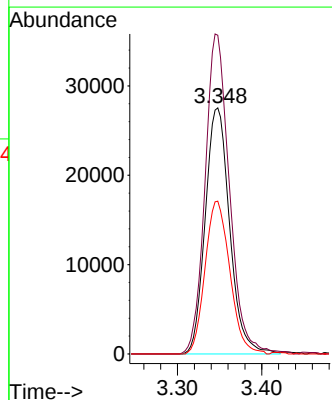
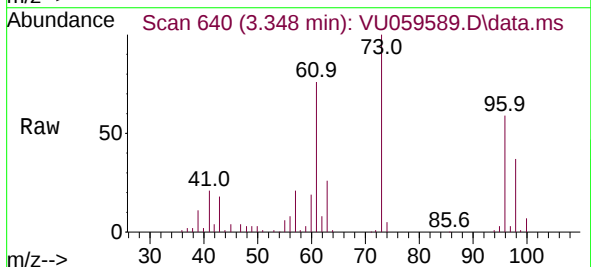
Instrument :
MSVOA_U
ClientSampleId :

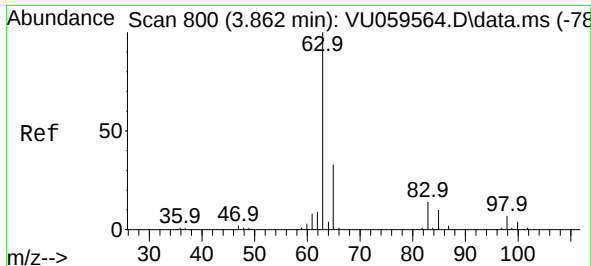
Tgt Ion: 73 Resp: 121397
Ion Ratio Lower Upper
73 100
43 17.7 14.9 22.3
57 21.2 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.739 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion: 96 Resp: 55630
Ion Ratio Lower Upper
96 100
61 129.5 101.8 189.0
98 62.1 43.3 80.5

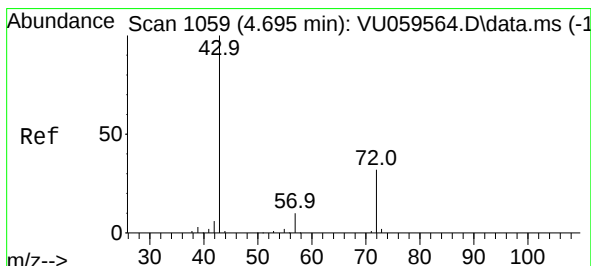
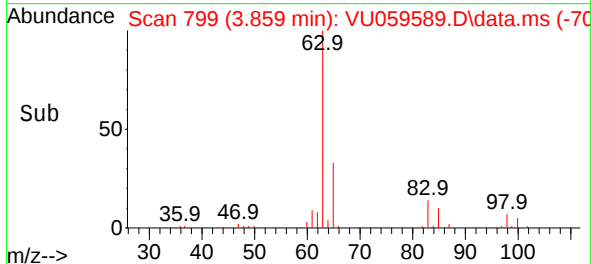
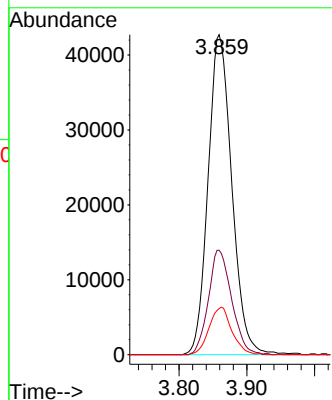
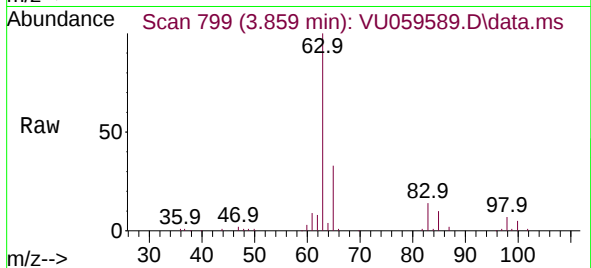




#19
1,1-Dichloroethane
Concen: 4.797 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

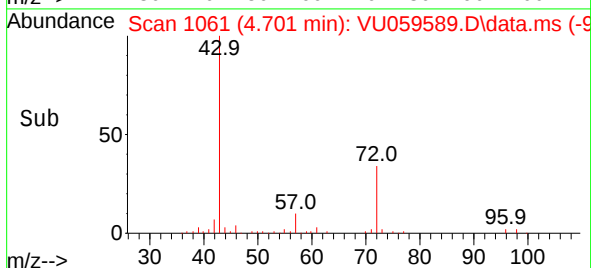
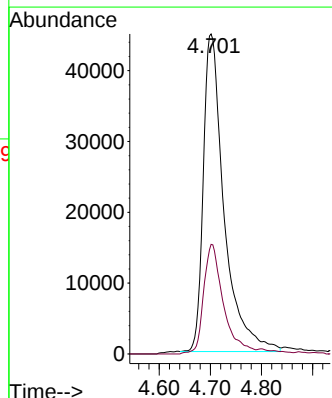
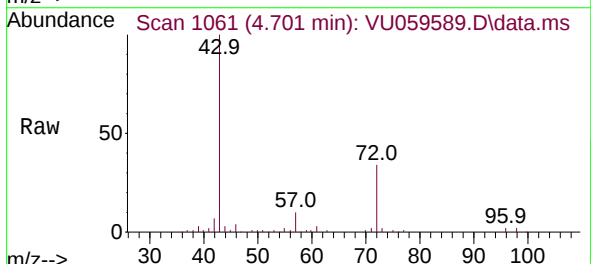
Instrument :
MSVOA_U
ClientSampleId :

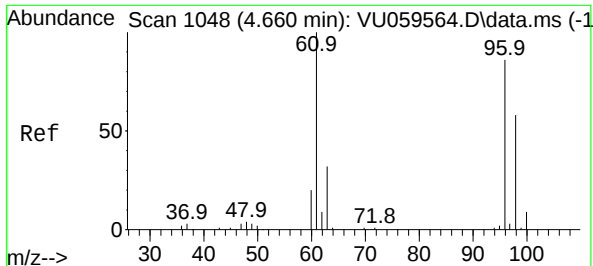
Tgt Ion: 63 Resp: 103840
Ion Ratio Lower Upper
63 100
65 32.7 21.8 40.6
83 14.4 9.9 18.5



#21
2-Butanone
Concen: 53.440 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

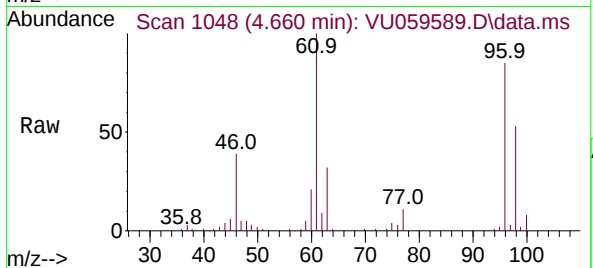
Tgt Ion: 43 Resp: 126752
Ion Ratio Lower Upper
43 100
72 32.8 13.8 41.4





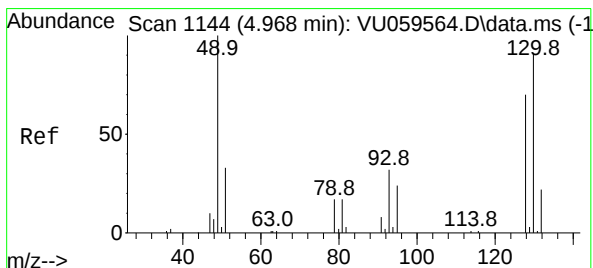
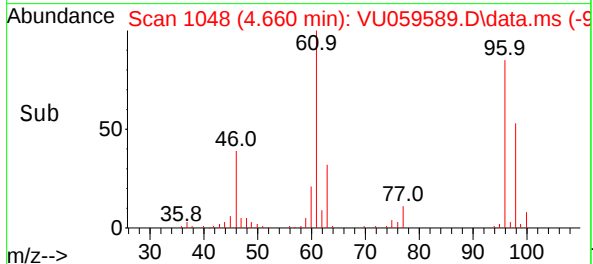
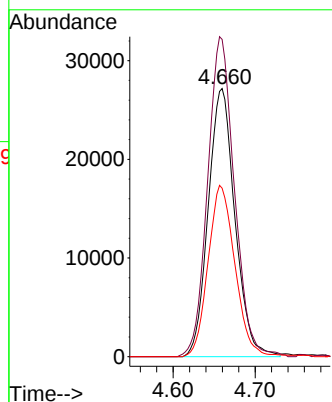
#22
cis-1,2-Dichloroethene
Concen: 4.752 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 61482

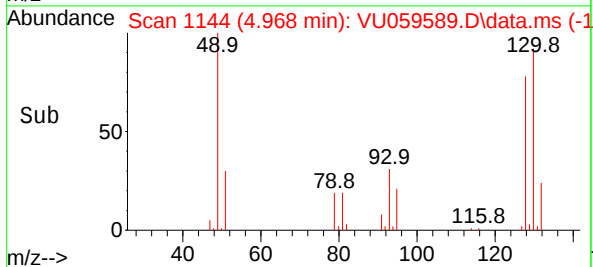
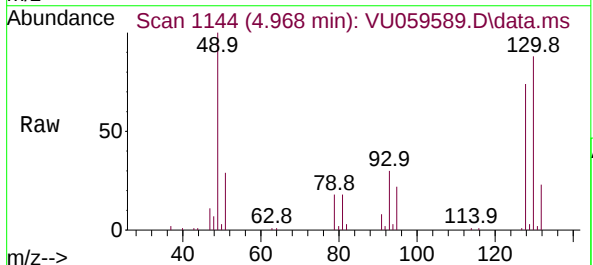
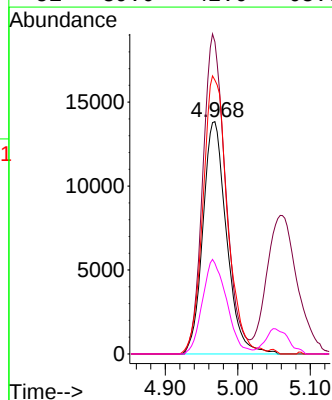
Ion	Ratio	Lower	Upper
96	100		
61	118.3	87.4	162.2
98	62.8	42.3	78.5

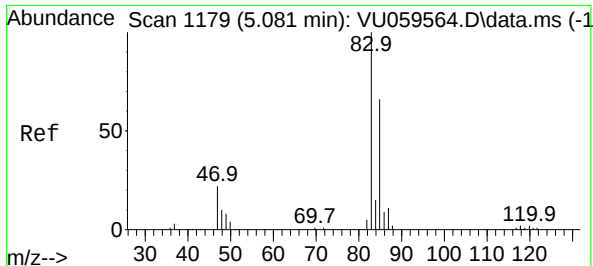


#23
Bromochloromethane
Concen: 5.313 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion: 128 Resp: 31344

Ion	Ratio	Lower	Upper
128	100		
49	134.3	117.0	217.4
130	117.8	89.6	166.4
51	39.0	42.0	63.0

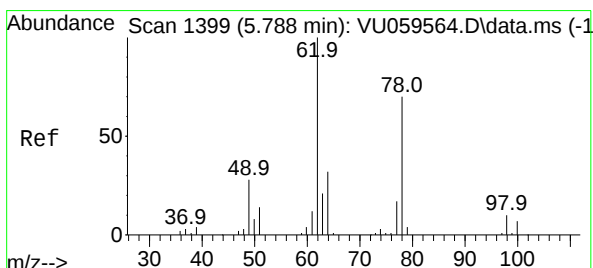
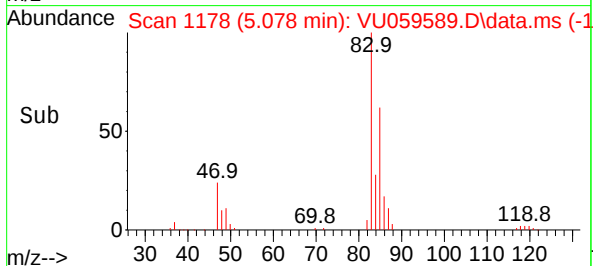
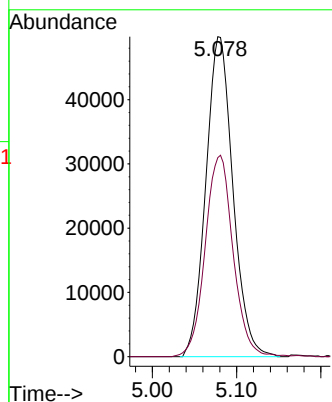
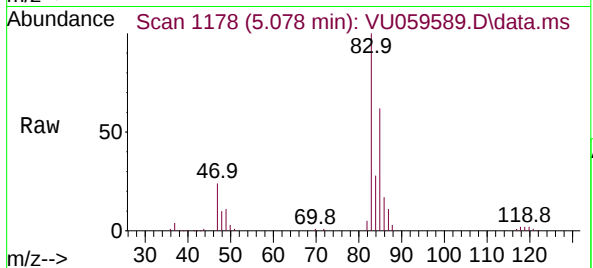




#25
Chloroform
Concen: 4.877 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

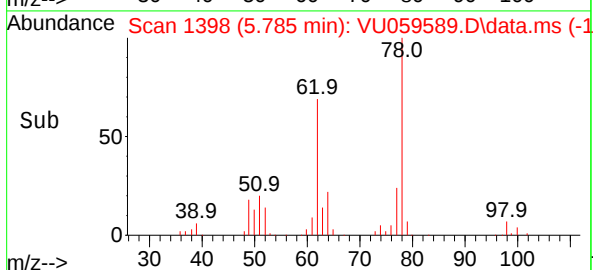
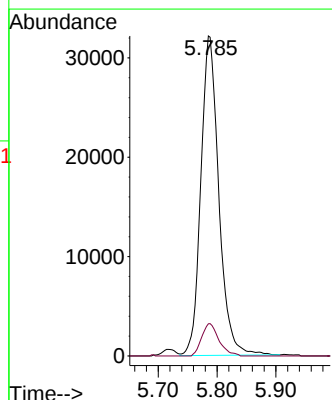
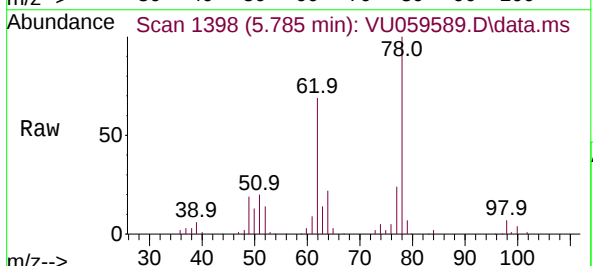
Instrument :
MSVOA_U
ClientSampleId :

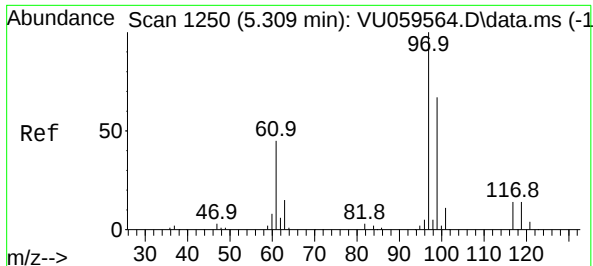
Tgt Ion: 83 Resp: 111205
Ion Ratio Lower Upper
83 100
85 62.2 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.945 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion: 62 Resp: 68319
Ion Ratio Lower Upper
62 100
98 10.0 7.5 11.3

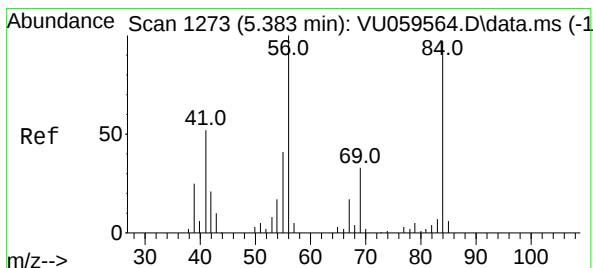
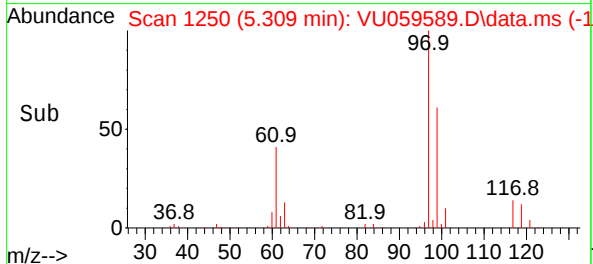
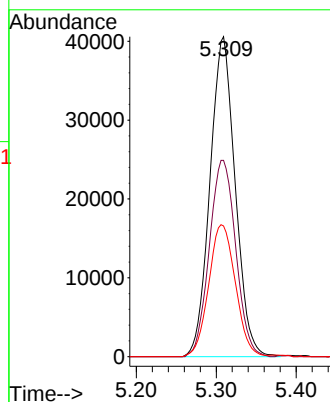
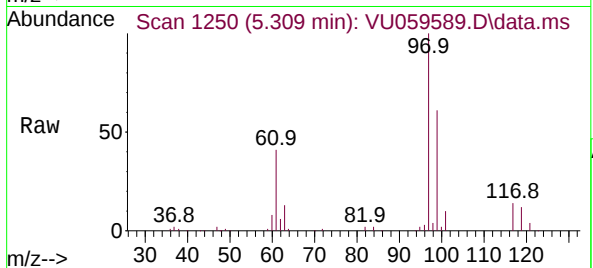




#29
1,1,1-Trichloroethane
Concen: 4.627 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

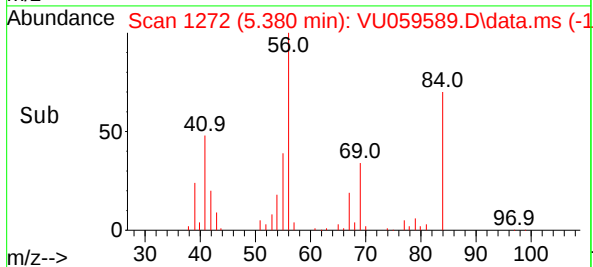
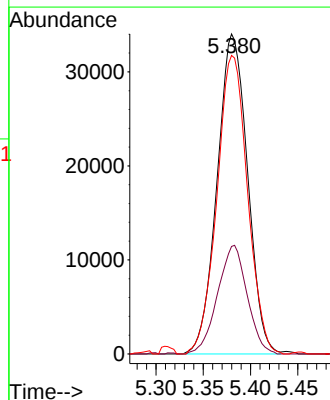
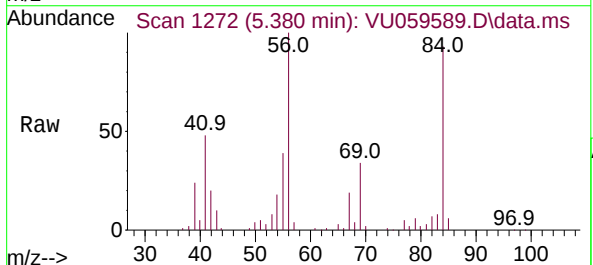
Instrument :
MSVOA_U
ClientSampleId :

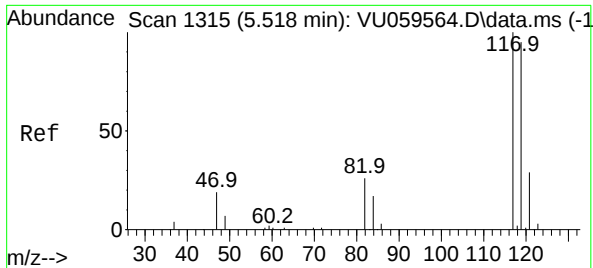
Tgt Ion: 97 Resp: 88859
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 43.7 37.4 56.2



#30
Cyclohexane
Concen: 4.492 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion: 56 Resp: 76156
Ion Ratio Lower Upper
56 100
69 33.0 24.8 37.2
84 93.7 69.8 104.8

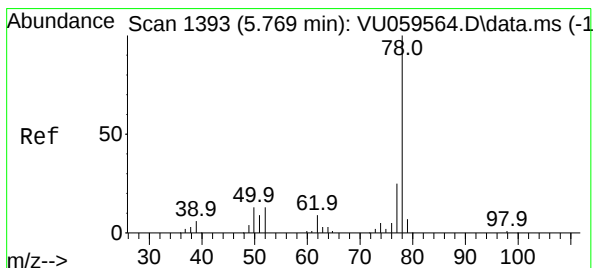
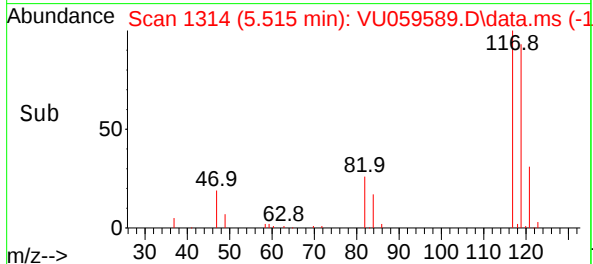
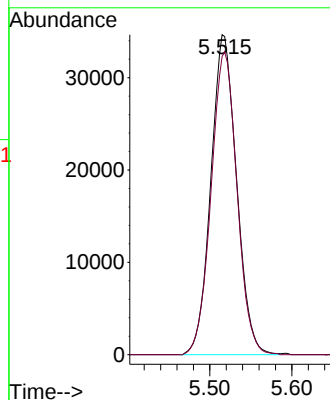
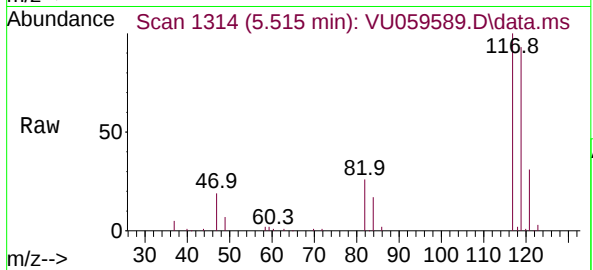




#31
Carbon tetrachloride
Concen: 4.701 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

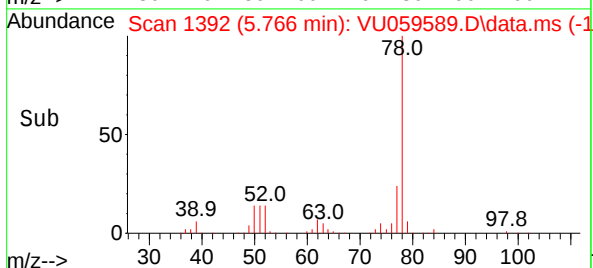
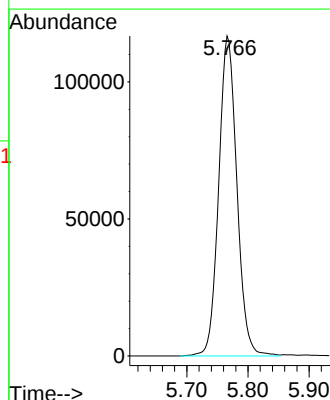
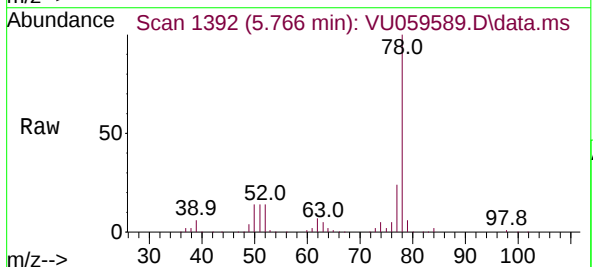
Instrument :
MSVOA_U
ClientSampleId :

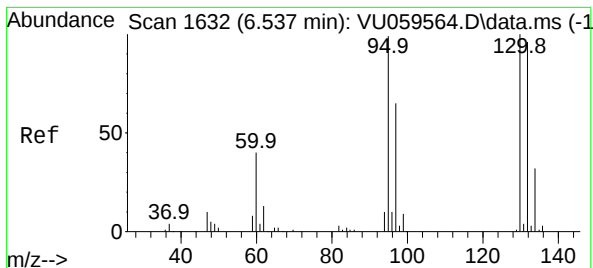
Tgt Ion:117 Resp: 75580
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3



#33
Benzene
Concen: 4.778 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion: 78 Resp: 241303





#34

Trichloroethene

Concen: 4.709 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 64397

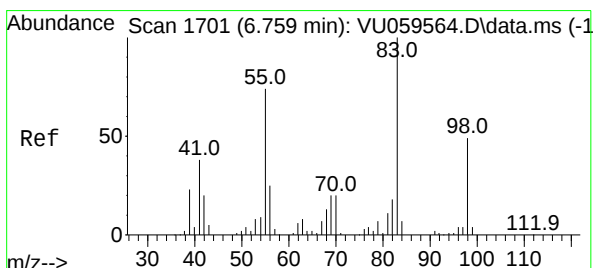
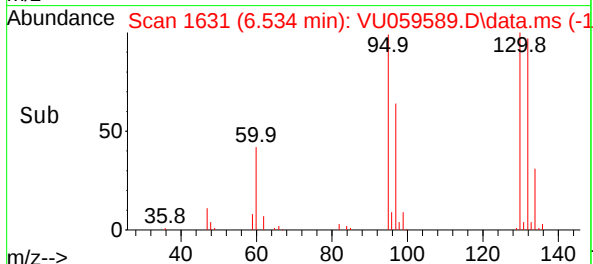
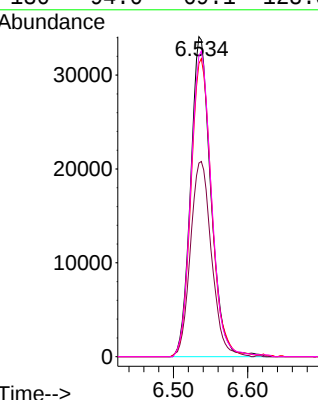
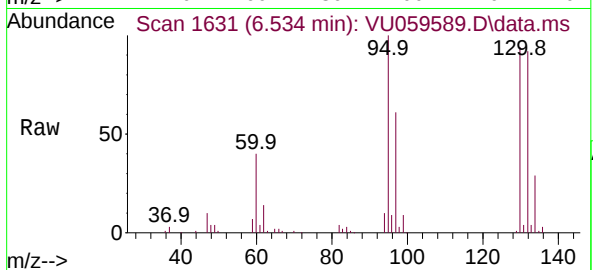
Ion Ratio Lower Upper

95 100

97 60.5 45.3 84.1

132 91.6 64.0 119.0

130 94.0 69.1 128.3



#35

Methylcyclohexane

Concen: 4.400 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

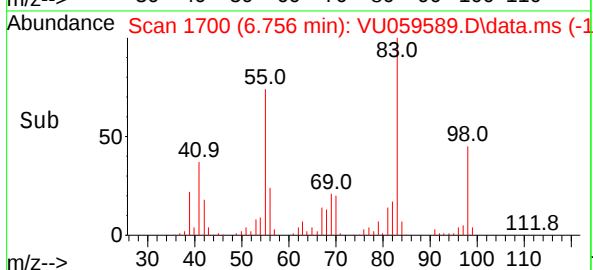
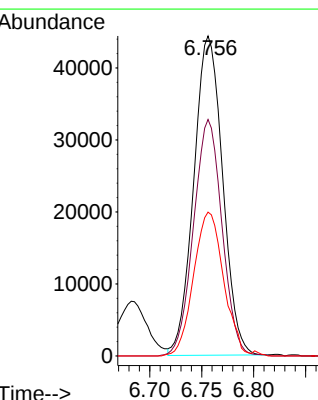
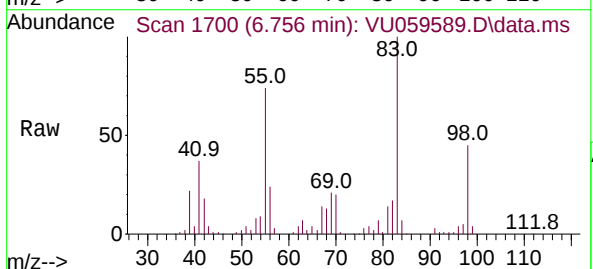
Tgt Ion: 83 Resp: 85629

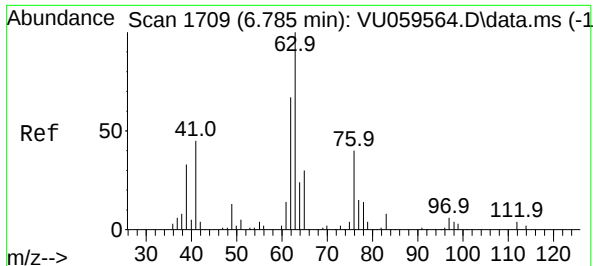
Ion Ratio Lower Upper

83 100

55 73.3 62.7 94.1

98 46.7 35.4 53.0

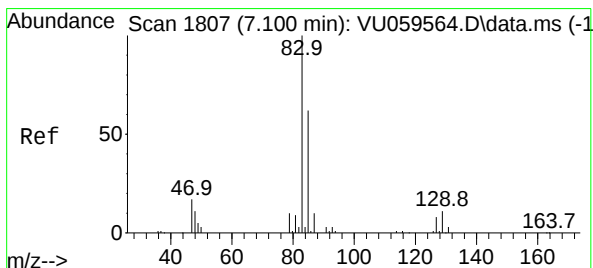
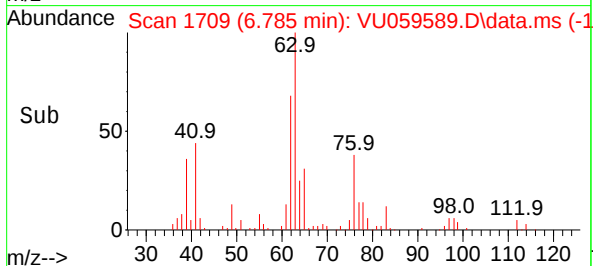
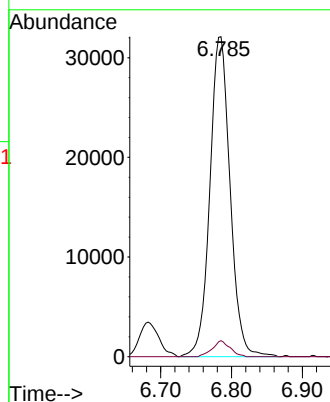
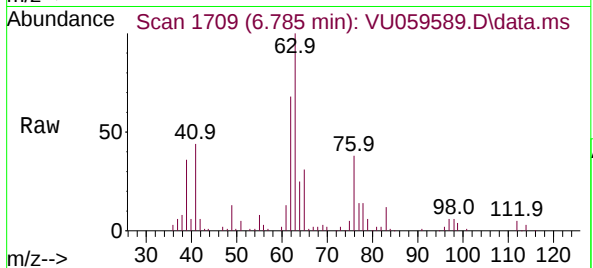




#37
1,2-Dichloropropane
Concen: 4.871 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

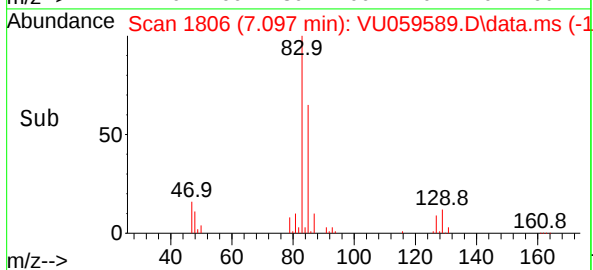
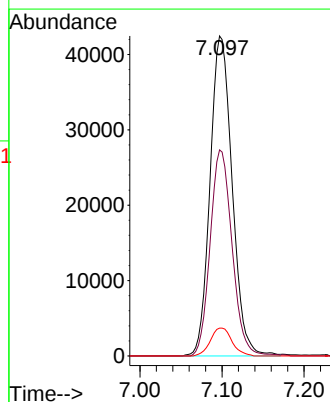
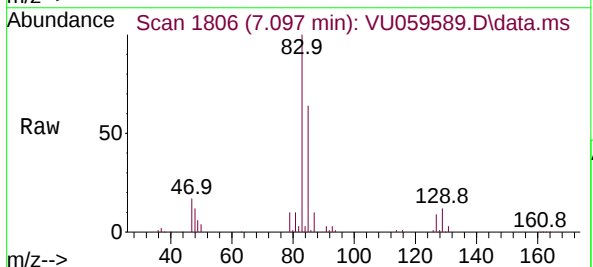
Instrument :
MSVOA_U
ClientSampleId :

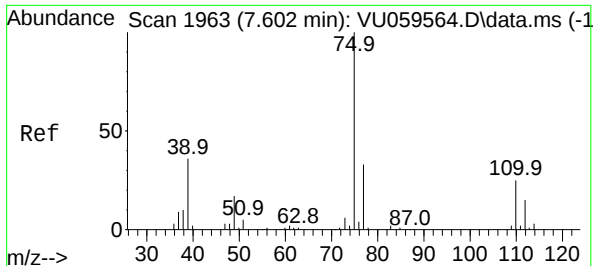
Tgt Ion: 63 Resp: 63661
Ion Ratio Lower Upper
63 100
112 4.4 2.6 3.8#



#38
Bromodichloromethane
Concen: 4.872 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion: 83 Resp: 79474
Ion Ratio Lower Upper
83 100
85 64.4 42.7 79.3
127 8.7 6.1 9.1

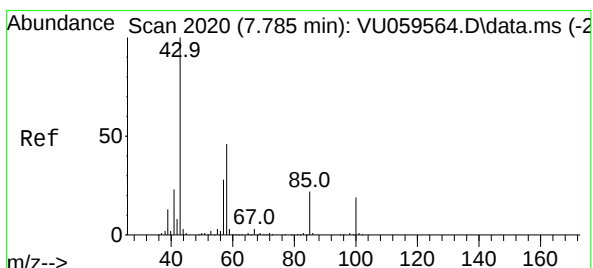
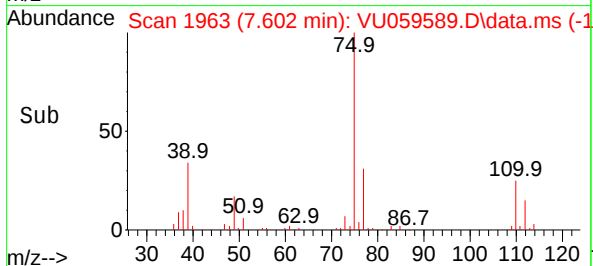
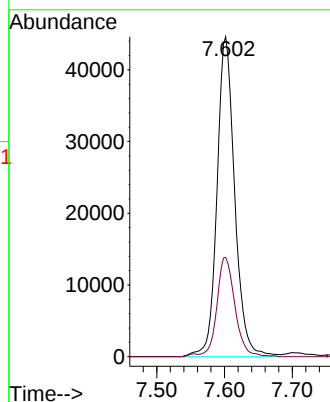
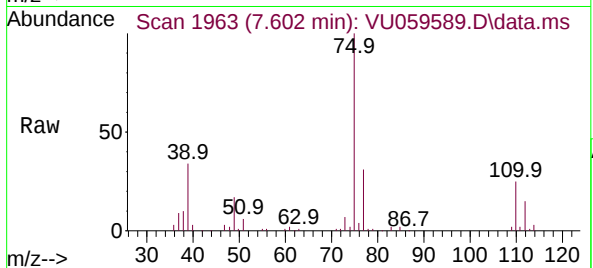




#39
 cis-1,3-Dichloropropene
 Concen: 4.532 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059589.D
 Acq: 28 Jun 2024 01:53

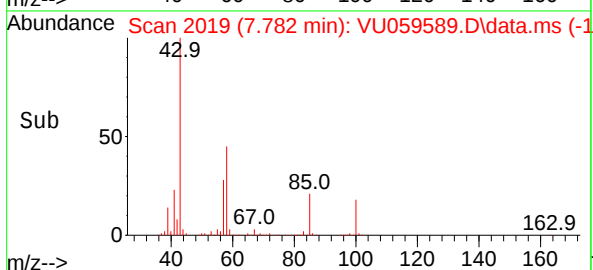
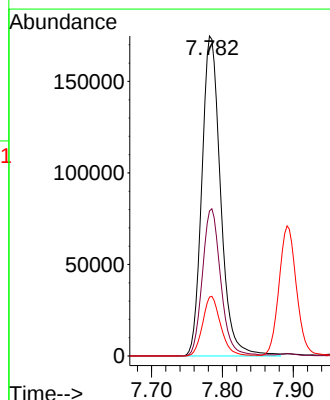
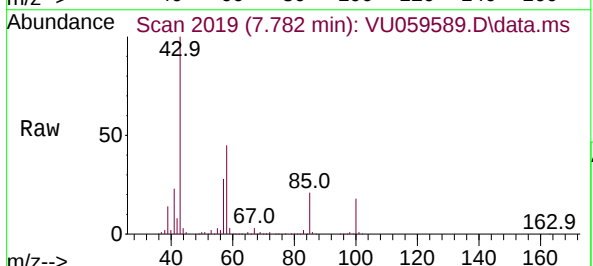
Instrument :
 MSVOA_U
 ClientSampleId :

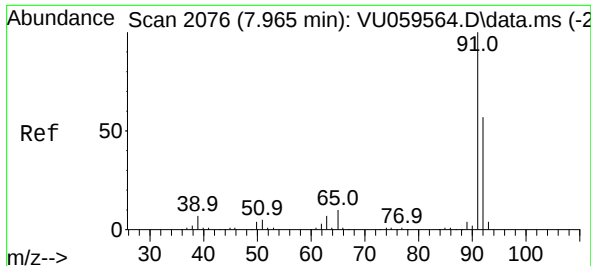
Tgt Ion: 75 Resp: 80999
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 53.065 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU059589.D
 Acq: 28 Jun 2024 01:53

Tgt Ion: 43 Resp: 321343
 Ion Ratio Lower Upper
 43 100
 58 45.1 34.0 51.0
 100 18.0 12.1 18.1





#42

Toluene

Concen: 4.921 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

Instrument :

MSVOA_U

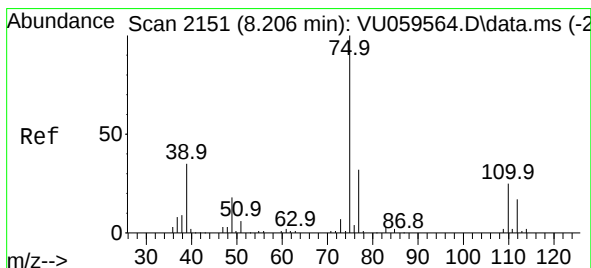
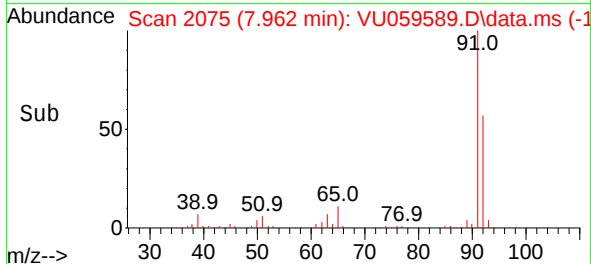
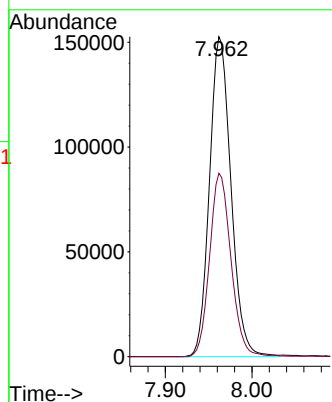
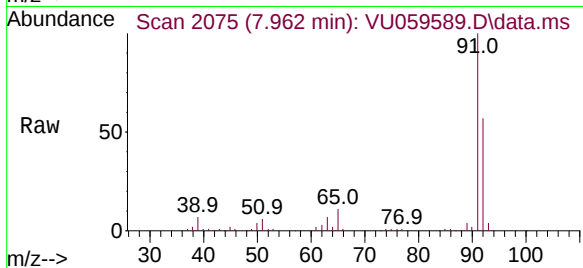
ClientSampleId :

Tgt Ion: 91 Resp: 263087

Ion Ratio Lower Upper

91 100

92 57.3 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.724 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059589.D

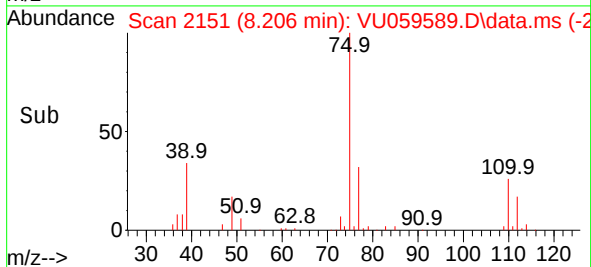
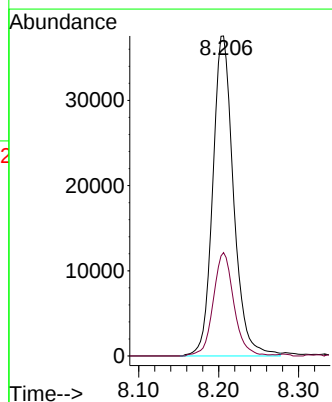
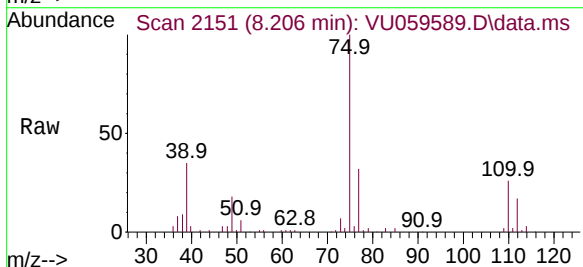
Acq: 28 Jun 2024 01:53

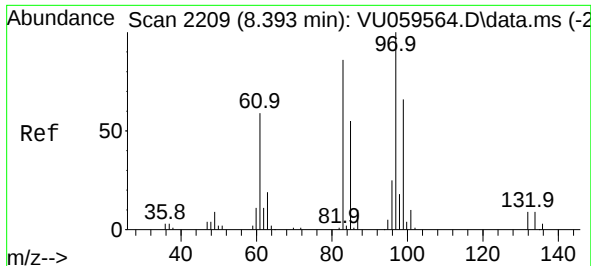
Tgt Ion: 75 Resp: 67772

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0

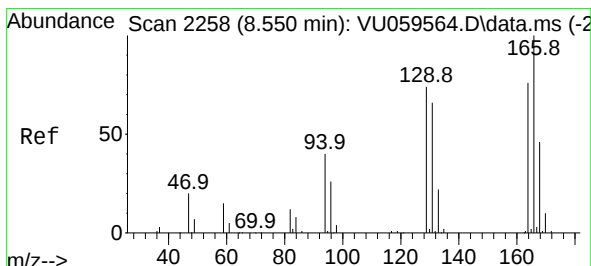
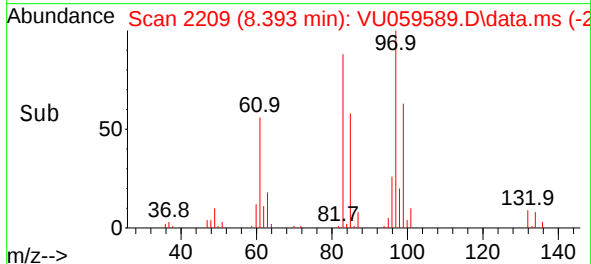
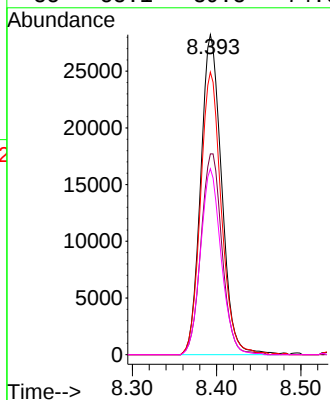
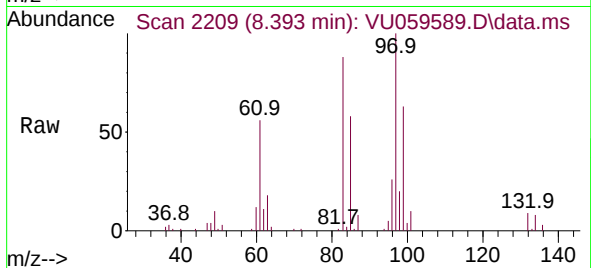




#45
1,1,2-Trichloroethane
Concen: 5.071 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

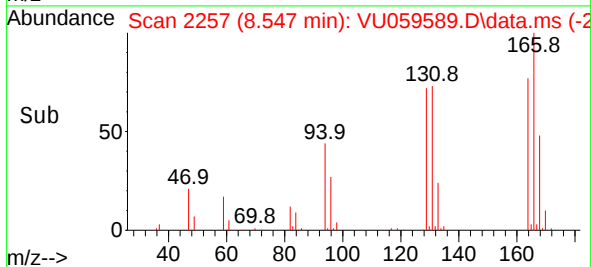
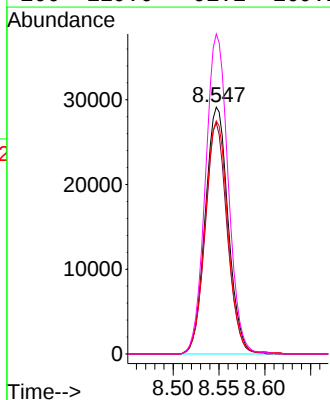
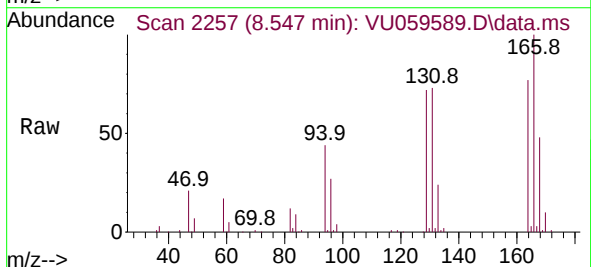
Instrument :
MSVOA_U
ClientSampleId :

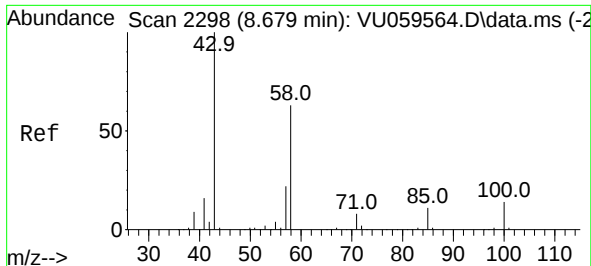
Tgt Ion:	97	Resp:	48833
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.3	80.3
83	88.3	62.3	115.7
85	58.1	39.8	74.0



#47
Tetrachloroethene
Concen: 4.794 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

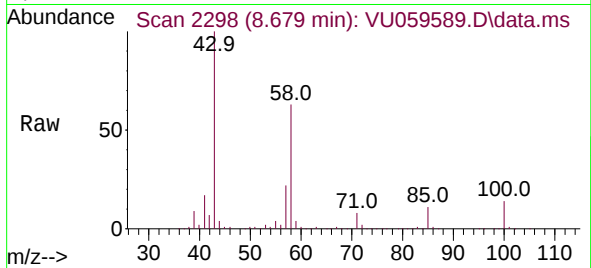
Tgt Ion:	164	Resp:	50878
Ion	Ratio	Lower	Upper
164	100		
129	93.7	70.8	131.4
131	94.4	64.8	120.3
166	129.6	91.1	169.1



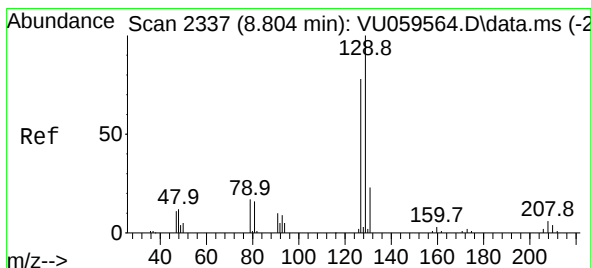
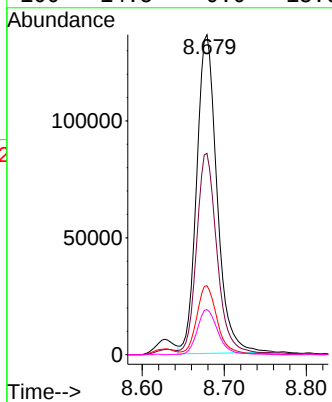
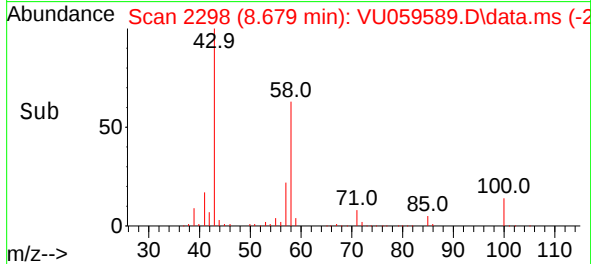


#48
2-Hexanone
Concen: 54.514 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Instrument :
MSVOA_U
ClientSampleId :

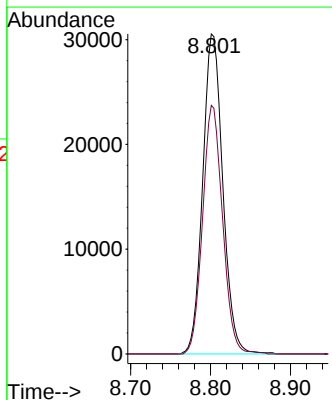
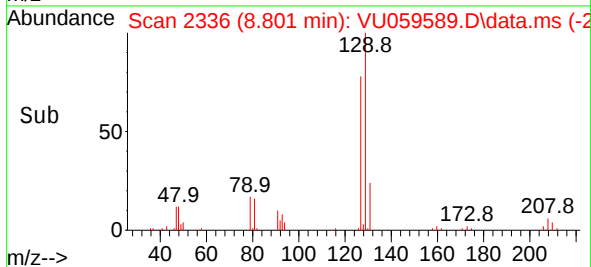
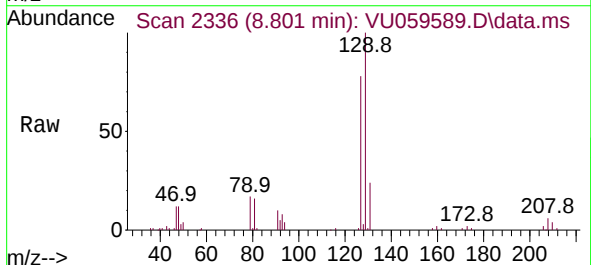


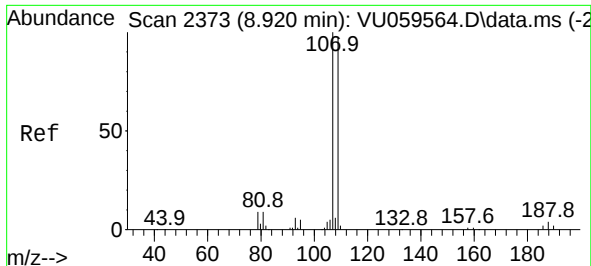
Tgt Ion: 43 Resp: 235602
Ion Ratio Lower Upper
43 100
58 63.3 46.1 69.1
57 22.1 15.5 23.3
100 14.5 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.009 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion: 129 Resp: 53434
Ion Ratio Lower Upper
129 100
127 77.7 52.5 97.5

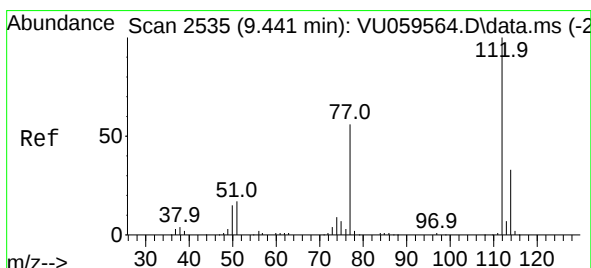
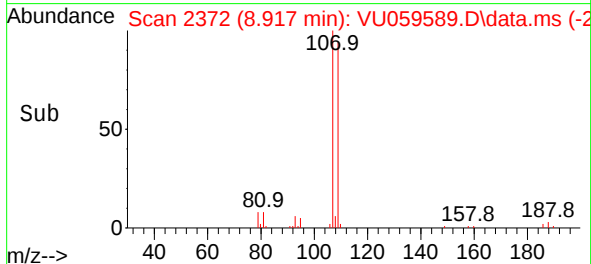
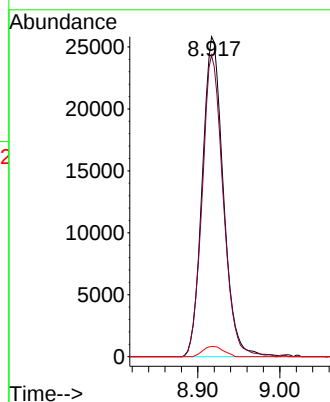
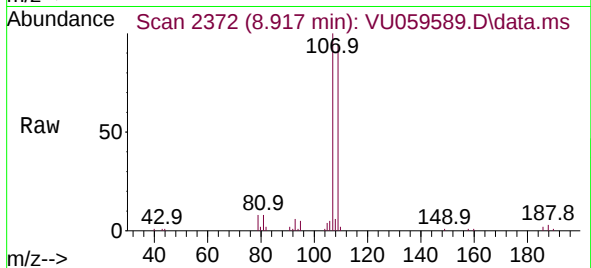




#50
1,2-Dibromoethane
Concen: 5.159 ug/L
RT: 8.917 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

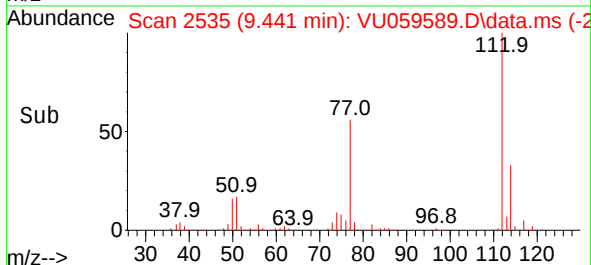
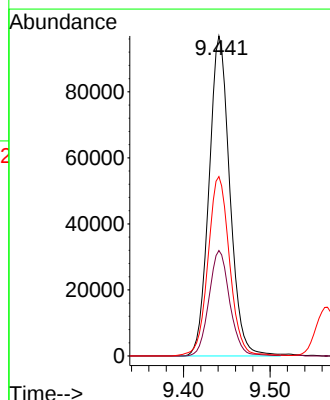
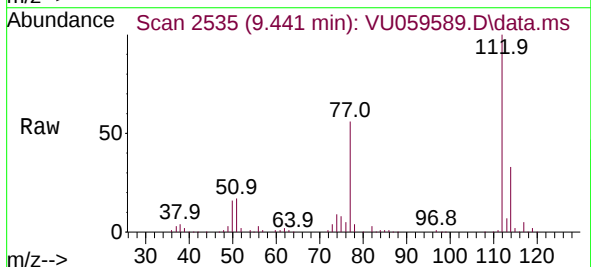
Instrument :
MSVOA_U
ClientSampleId :

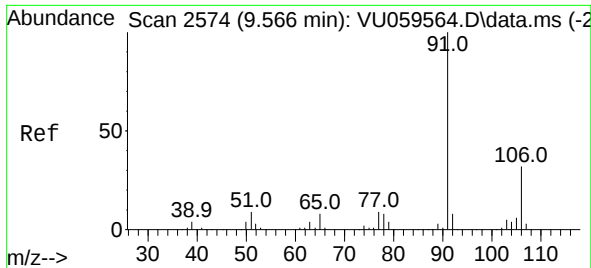
Tgt Ion:107 Resp: 45885
Ion Ratio Lower Upper
107 100
109 94.2 66.9 124.3
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 4.776 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion:112 Resp: 161958
Ion Ratio Lower Upper
112 100
114 33.0 22.4 41.6
77 56.1 49.1 73.7

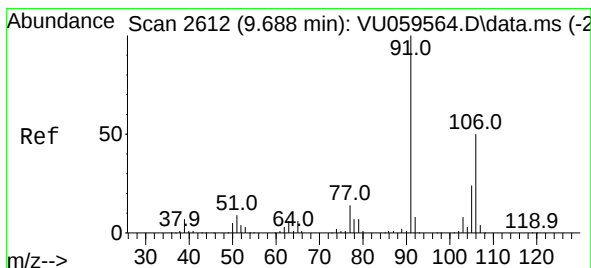
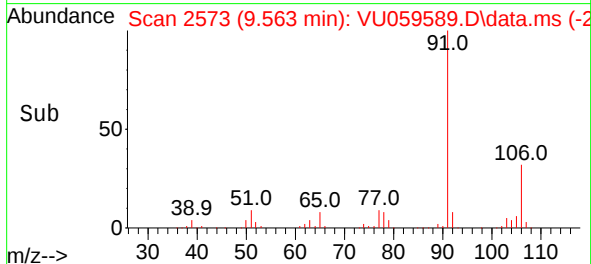
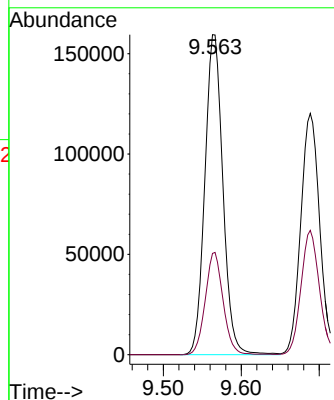
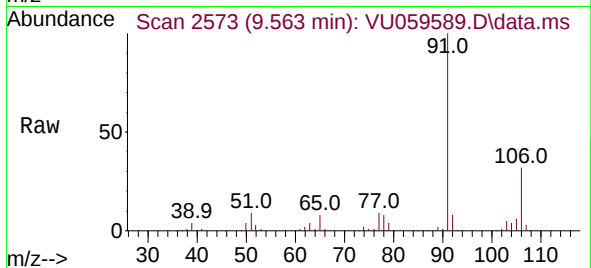




#52
Ethylbenzene
Concen: 4.678 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

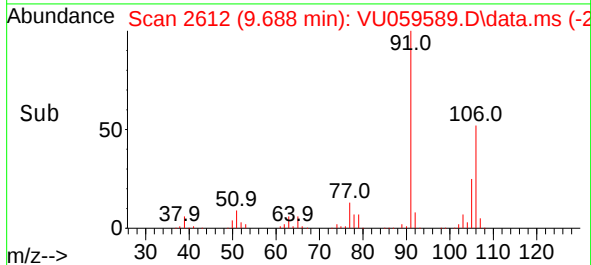
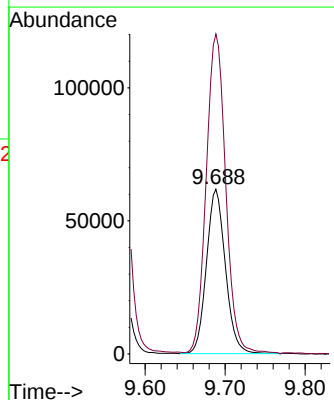
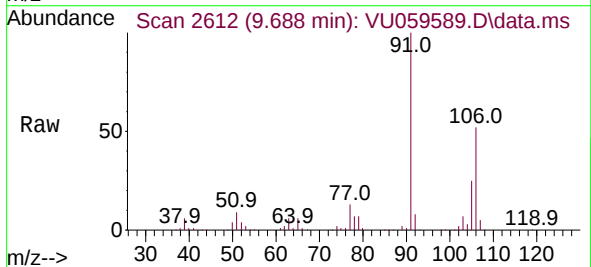
Instrument :
MSVOA_U
ClientSampleId :

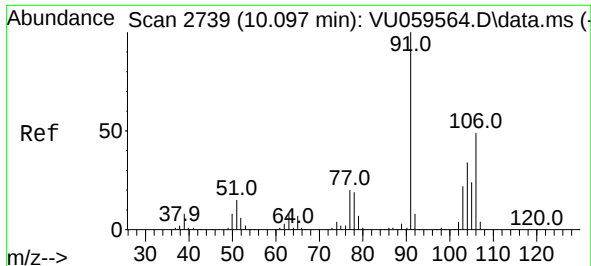
Tgt Ion: 91 Resp: 256586
Ion Ratio Lower Upper
91 100
106 31.6 20.9 38.7



#53
m,p-Xylene
Concen: 4.844 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion:106 Resp: 102027
Ion Ratio Lower Upper
106 100
91 194.1 142.0 263.8

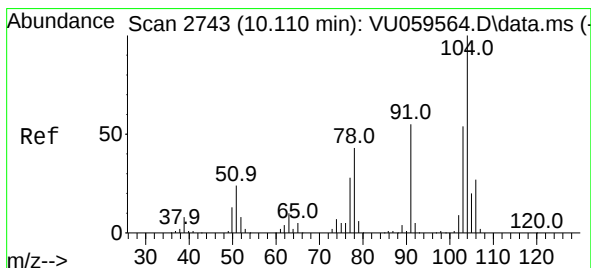
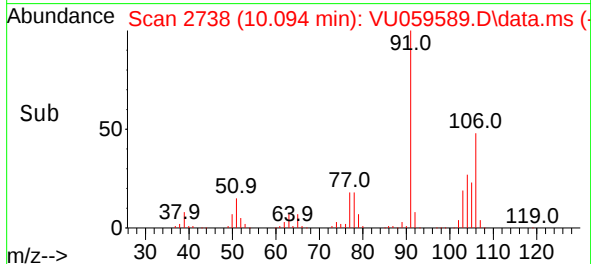
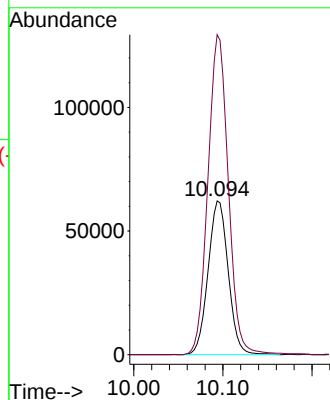
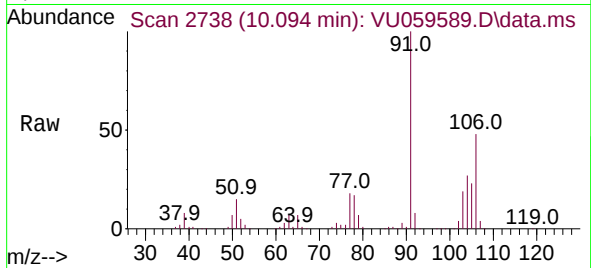




#54
o-Xylene
Concen: 4.884 ug/L
RT: 10.094 min Scan# 2739
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

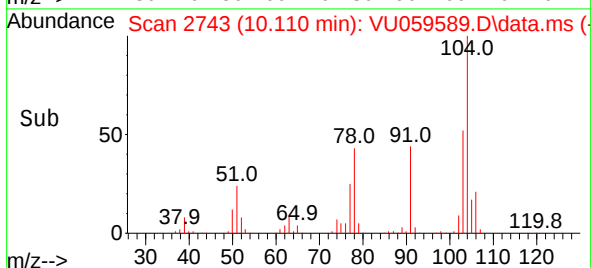
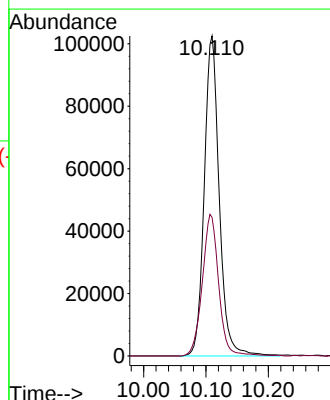
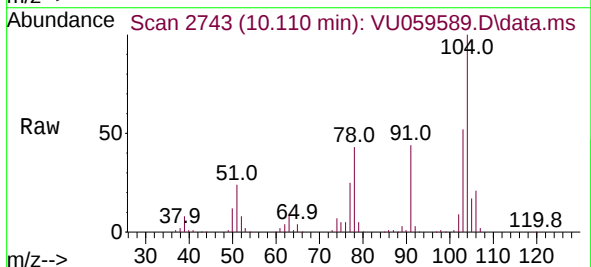
Instrument :
MSVOA_U
ClientSampleId :

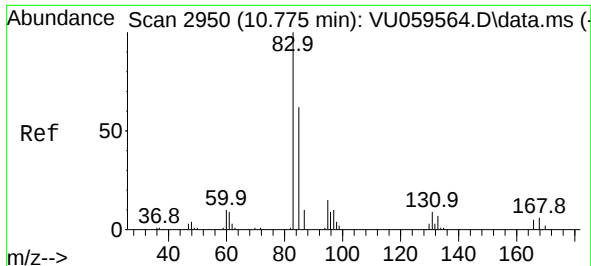
Tgt Ion:106 Resp: 97631
Ion Ratio Lower Upper
106 100
91 208.1 151.6 281.6



#55
Styrene
Concen: 5.038 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion:104 Resp: 171441
Ion Ratio Lower Upper
104 100
78 43.3 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.309 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

Instrument :

MSVOA_U

ClientSampleId :

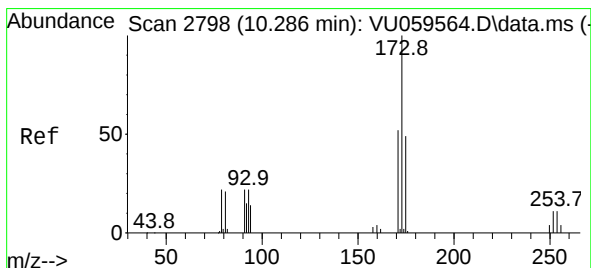
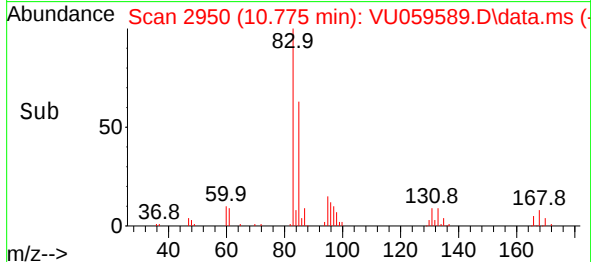
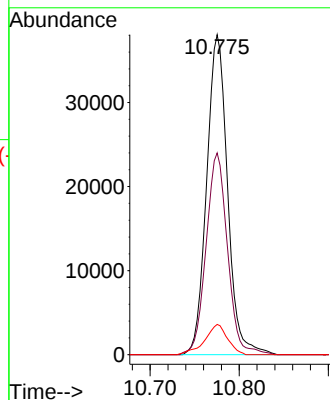
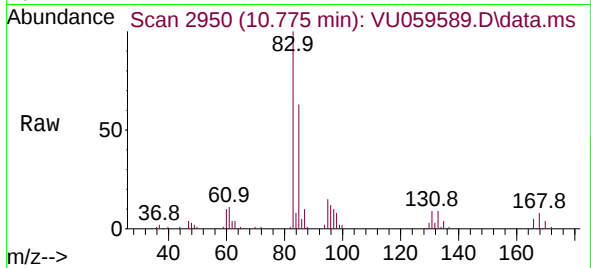
Tgt Ion: 83 Resp: 62025

Ion Ratio Lower Upper

83 100

85 63.0 44.7 82.9

131 9.4 6.9 10.3



#59

Bromoform

Concen: 4.809 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

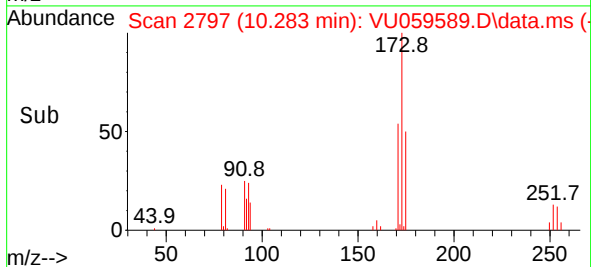
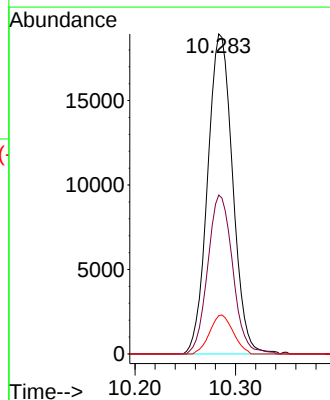
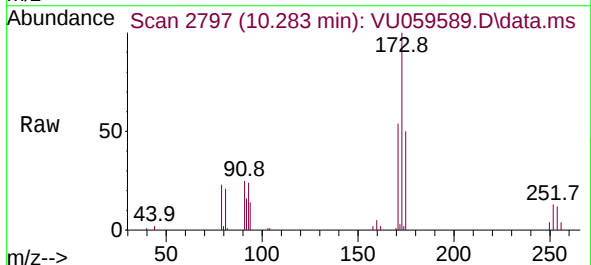
Tgt Ion:173 Resp: 32774

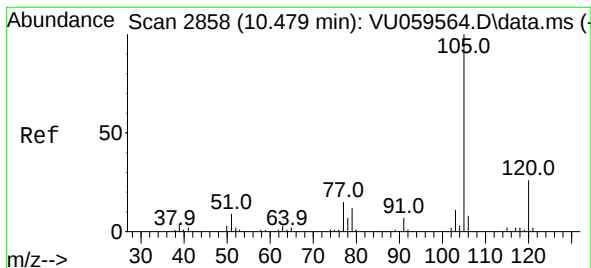
Ion Ratio Lower Upper

173 100

175 49.5 39.4 59.2

254 11.4 7.4 11.2#





#60

Isopropylbenzene

Concen: 4.589 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

Instrument :

MSVOA_U

ClientSampleId :

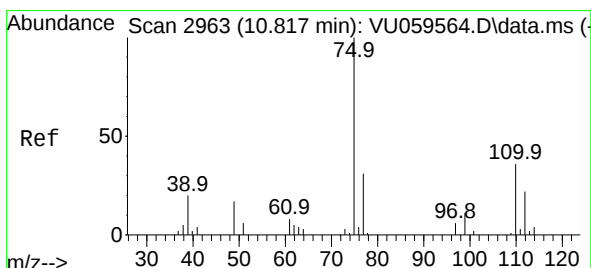
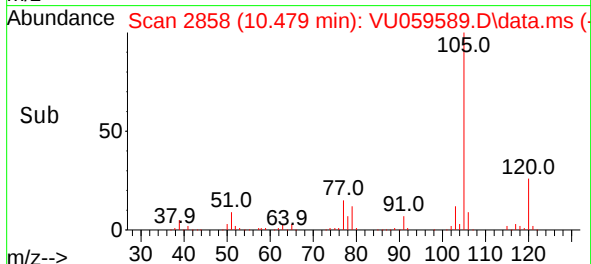
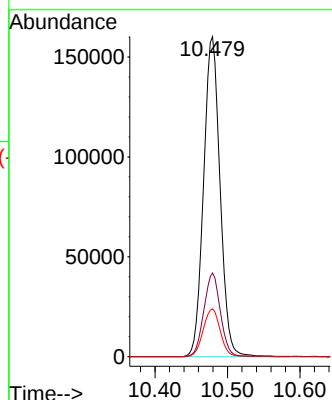
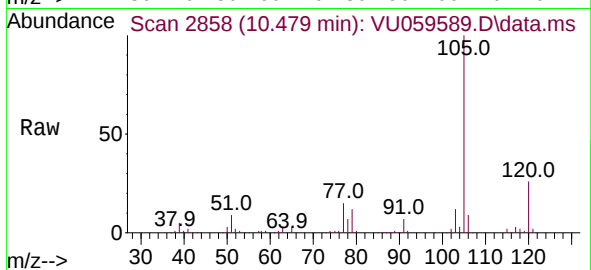
Tgt Ion:105 Resp: 252433

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

77 15.4 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.930 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

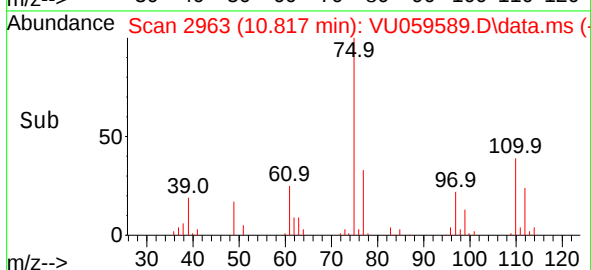
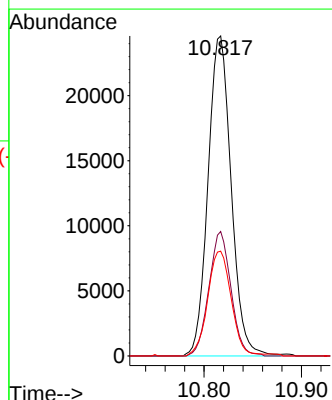
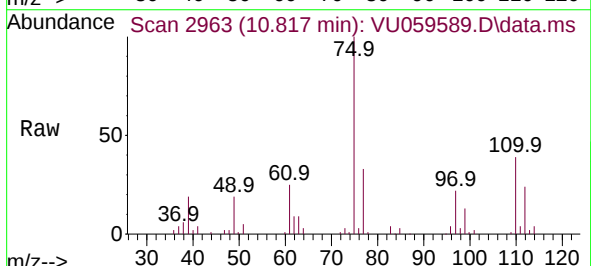
Tgt Ion: 75 Resp: 40568

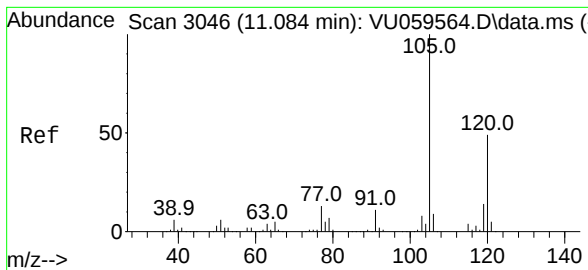
Ion Ratio Lower Upper

75 100

110 37.0 27.1 40.7

77 33.3 25.4 38.2

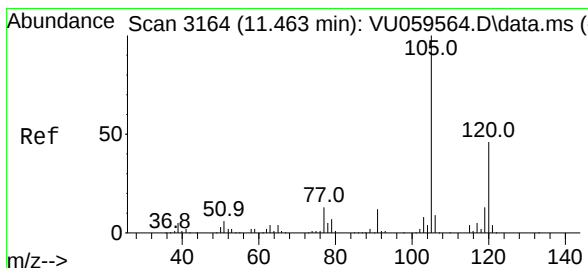
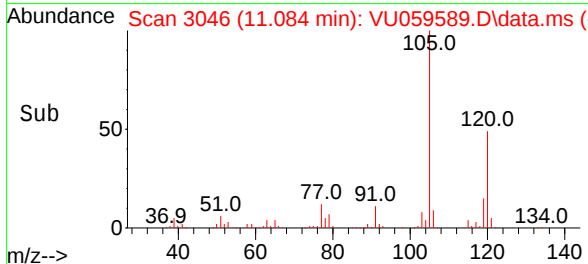
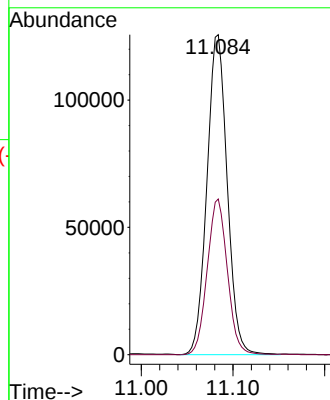
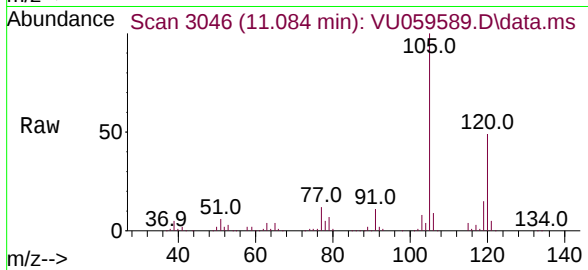




#62
1,3,5-Trimethylbenzene
Concen: 4.429 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

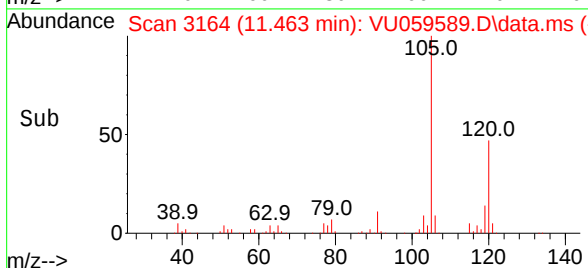
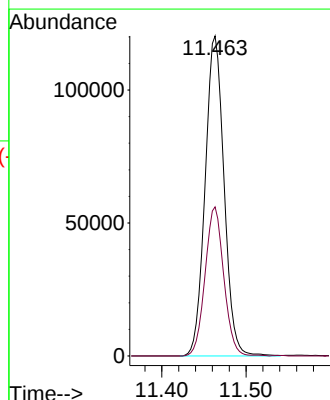
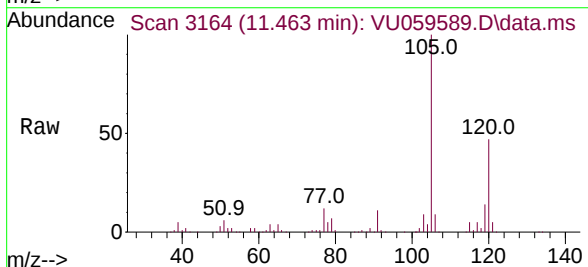
Instrument :
MSVOA_U
ClientSampleId :

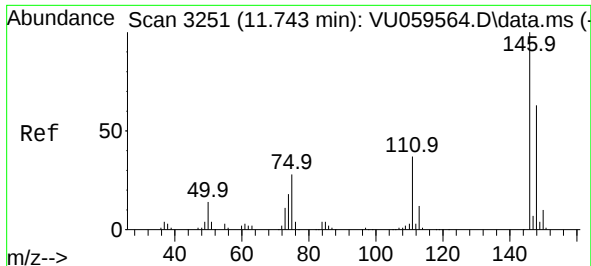
Tgt Ion:105 Resp: 192984
Ion Ratio Lower Upper
105 100
120 48.3 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.523 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

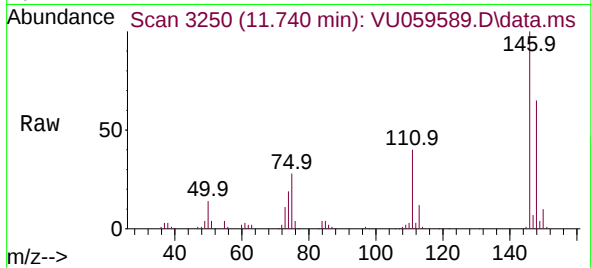
Tgt Ion:105 Resp: 188419
Ion Ratio Lower Upper
105 100
120 46.0 35.4 53.0



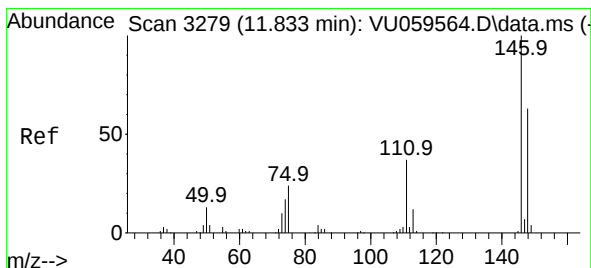
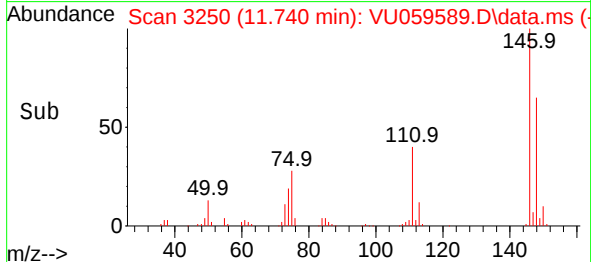
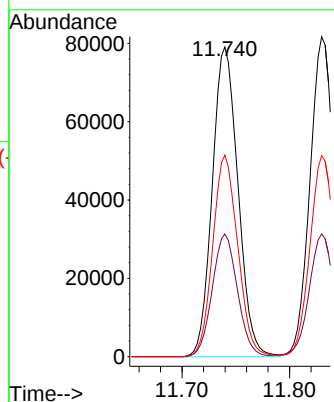


#64
1,3-Dichlorobenzene
Concen: 4.693 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Instrument :
MSVOA_U
ClientSampleId :

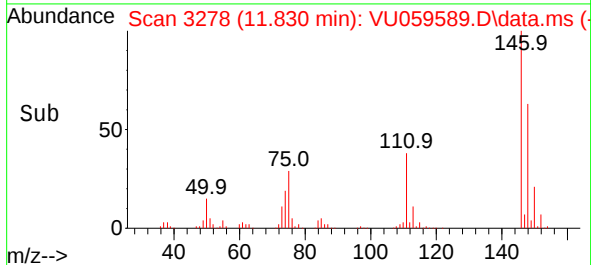
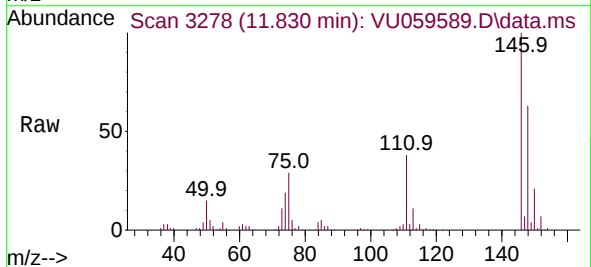
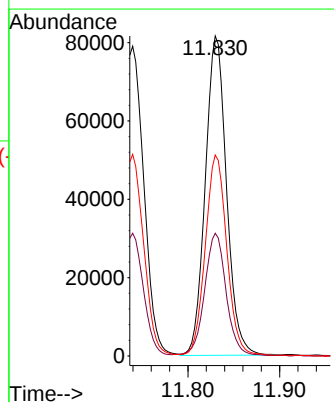


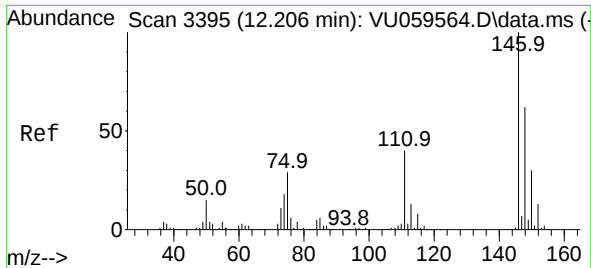
Tgt Ion:146 Resp: 131296
Ion Ratio Lower Upper
146 100
111 39.6 27.4 51.0
148 65.1 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 4.554 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion:146 Resp: 131147
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 62.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.694 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

Instrument :

MSVOA_U

ClientSampleId :

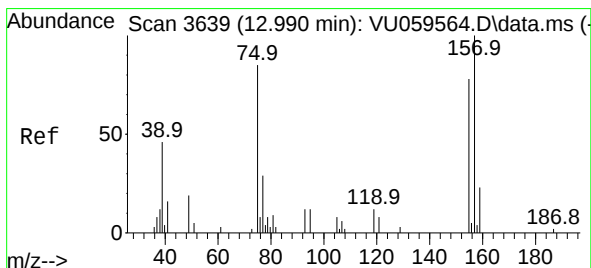
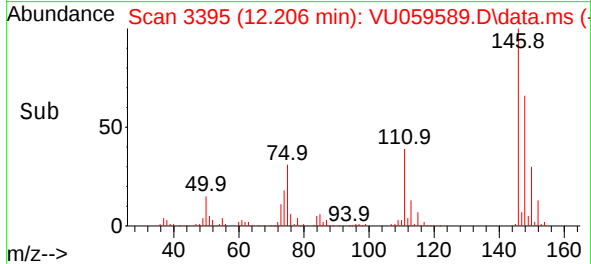
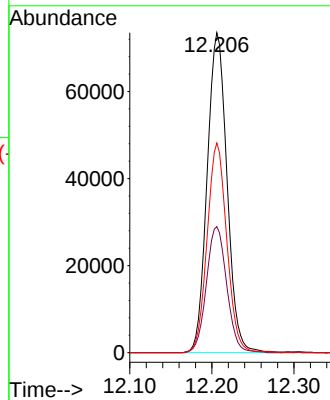
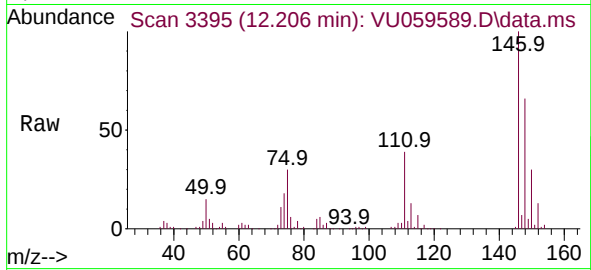
Tgt Ion:146 Resp: 123574

Ion Ratio Lower Upper

146 100

111 39.4 33.4 50.0

148 65.5 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.276 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

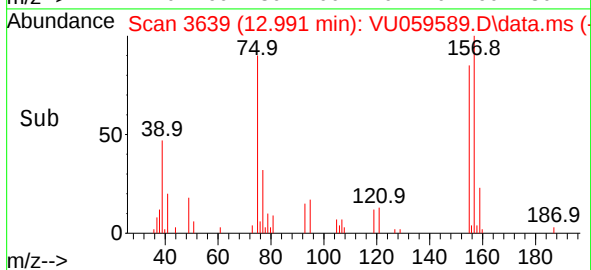
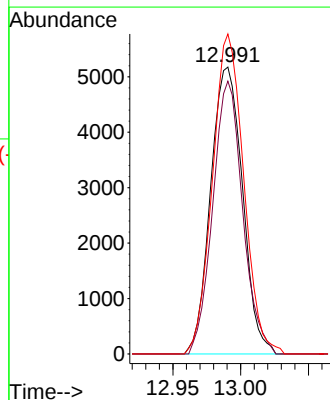
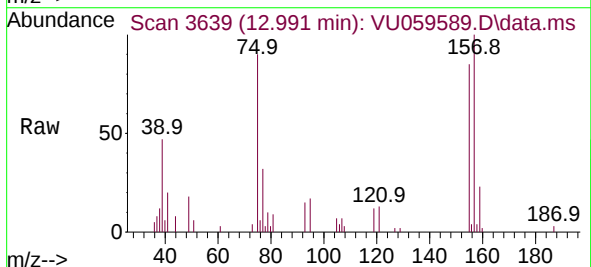
Tgt Ion: 75 Resp: 8468

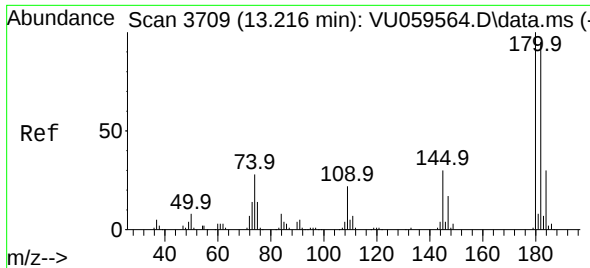
Ion Ratio Lower Upper

75 100

155 95.1 58.2 87.2#

157 111.6 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.447 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

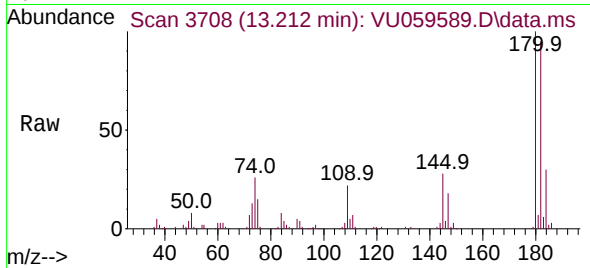
Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 92086

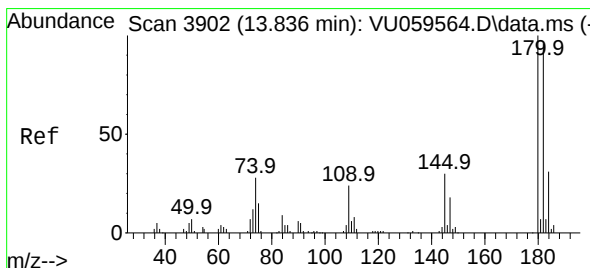
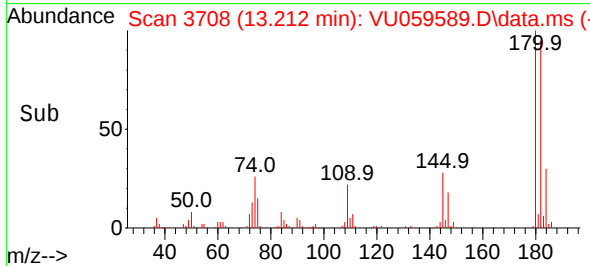
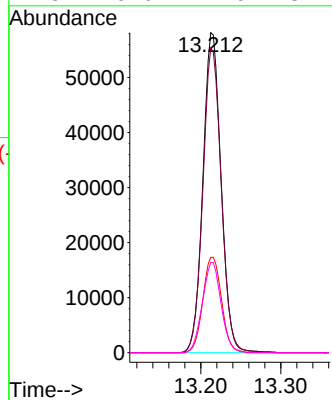
Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.0

184 30.6 23.0 34.6

145 29.0 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.443 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059589.D

Acq: 28 Jun 2024 01:53

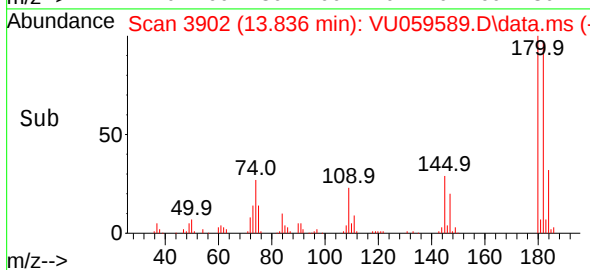
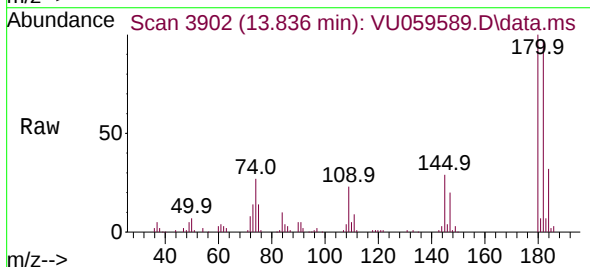
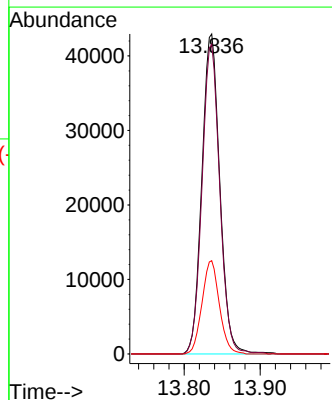
Tgt Ion:180 Resp: 70587

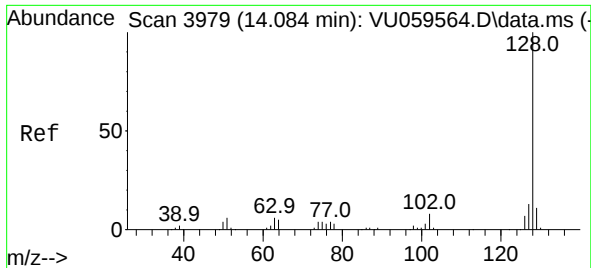
Ion Ratio Lower Upper

180 100

182 95.1 74.9 112.3

145 28.1 23.9 35.9

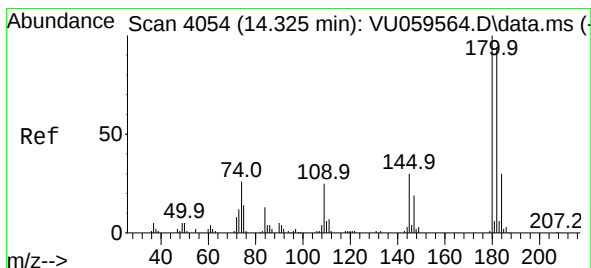
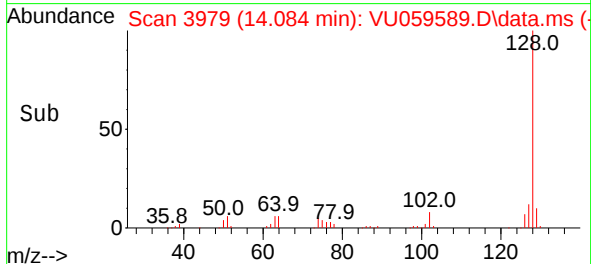
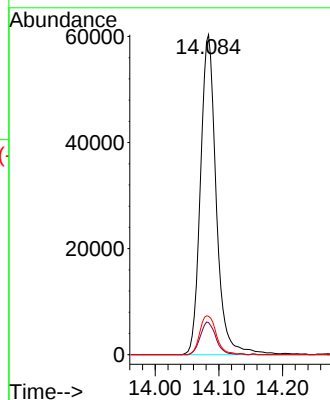
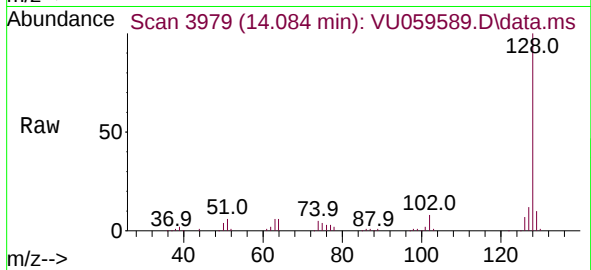




#71
Naphthalene
Concen: 4.568 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 103859
Ion Ratio Lower Upper
128 100
129 10.0 8.2 12.4
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.598 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU059589.D
Acq: 28 Jun 2024 01:53

Tgt Ion:180 Resp: 67829
Ion Ratio Lower Upper
180 100
182 97.4 77.0 115.6
145 30.4 26.2 39.4

