

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059564.D
 Acq On : 27 Jun 2024 15:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 00:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 27 02:36:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	164373	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42659	3.732	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.907	69	42725	3.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.560	65	18717	3.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.615	46	98484	41.831	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.660%
24) Chloroform-d	5.055	84	101539	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.698	65	46807	4.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.721	84	199921	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.685	67	60242	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.894	98	189250	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.177	79	19843	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.627	63	79976	44.237	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49619	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	66339	4.176	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	62752	4.505	ug/L	99
3) Chloromethane	1.518	50	71037	4.739	ug/L	98
5) Vinyl chloride	1.602	62	78691	4.752	ug/L	99
6) Bromomethane	1.853	94	52447	4.555	ug/L	96
8) Chloroethane	1.930	64	47219	4.732	ug/L	99
9) Trichlorofluoromethane	2.132	101	96527	4.842	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	61050	4.838	ug/L	94
12) 1,1-Dichloroethene	2.573	96	56189	4.820	ug/L	87
13) Acetone	2.621	43	69413	45.450	ug/L	92
14) Carbon disulfide	2.788	76	177514	4.564	ug/L	99
15) Methyl Acetate	2.946	43	19046	4.726	ug/L	93
16) Methylene chloride	3.039	84	65481	4.740	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	119005	4.737	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	58009	4.785	ug/L	94
19) 1,1-Dichloroethane	3.862	63	106684	4.772	ug/L	97
21) 2-Butanone	4.695	43	116442	47.535	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	64603	4.834	ug/L	92
23) Bromochloromethane	4.968	128	29191	4.791	ug/L	90
25) Chloroform	5.081	83	114573	4.865	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059564.D
 Acq On : 27 Jun 2024 15:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

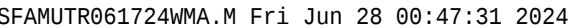
Instrument :
 MSVOA_U
 ClientSampleId :

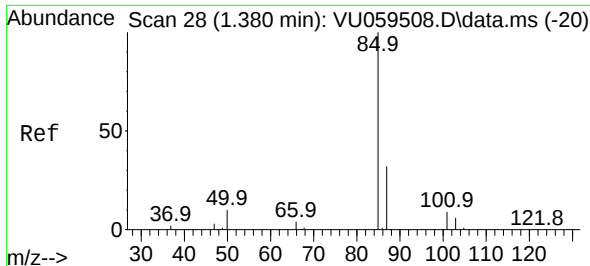
Quant Time: Jun 28 00:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 27 02:36:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68085	4.771	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	91768	4.823	ug/L	99
30) Cyclohexane	5.383	56	81409	4.846	ug/L	92
31) Carbon tetrachloride	5.518	117	79014	4.960	ug/L	99
33) Benzene	5.769	78	246963	4.936	ug/L	100
34) Trichloroethene	6.537	95	66073	4.876	ug/L	96
35) Methylcyclohexane	6.759	83	94844	4.919	ug/L	95
37) 1,2-Dichloropropane	6.785	63	64407	4.974	ug/L #	98
38) Bromodichloromethane	7.100	83	80550	4.984	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	87566	4.945	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	286961	47.827	ug/L	96
42) Toluene	7.965	91	273102	5.155	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	71271	5.014	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	47876	5.018	ug/L	96
47) Tetrachloroethene	8.550	164	53884	5.124	ug/L	97
48) 2-Hexanone	8.679	43	210494	49.156	ug/L	95
49) Dibromochloromethane	8.804	129	51894	4.910	ug/L	96
50) 1,2-Dibromoethane	8.920	107	43682	4.957	ug/L	98
51) Chlorobenzene	9.441	112	168820	5.025	ug/L	95
52) Ethylbenzene	9.566	91	273519	5.033	ug/L	96
53) m,p-Xylene	9.688	106	107013	5.127	ug/L	99
54) o-Xylene	10.097	106	101565	5.128	ug/L	93
55) Styrene	10.110	104	178152	5.284	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	56275	4.862	ug/L	99
59) Bromoform	10.286	173	31168	4.562	ug/L	99
60) Isopropylbenzene	10.479	105	268216	4.864	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	38975	4.725	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	208554	4.774	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	201645	4.828	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	136505	4.867	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	135534	4.695	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	127284	4.823	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	7666	4.765	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.216	180	100549	4.843	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	74982	4.708	ug/L	97
71) Naphthalene	14.084	128	105501	4.629	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	70175	4.746	ug/L	99

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

Quant Time: Jun 28 00:47:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 27 02:36:31 2024
Response via : Initial Calibration

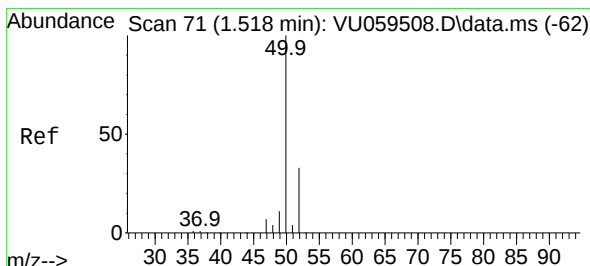
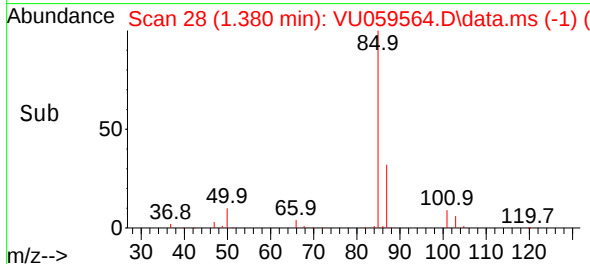
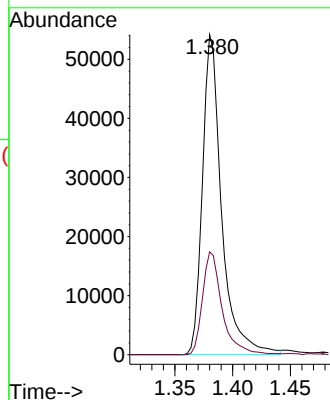
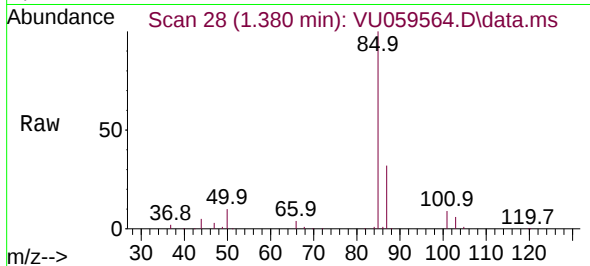




#2
 Dichlorodifluoromethane
 Concen: 4.505 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059564.D
 Acq: 27 Jun 2024 15:35

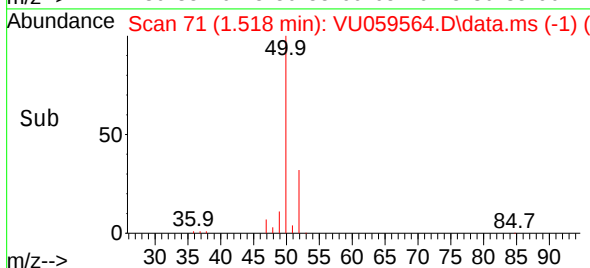
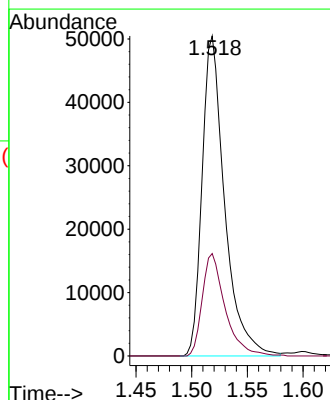
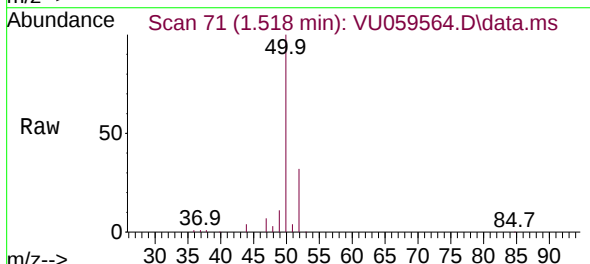
Instrument :
 MSVOA_U
 ClientSampleId :

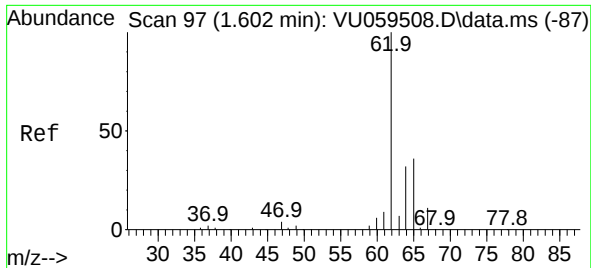
Tgt Ion: 85 Resp: 62752
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.6 40.0



#3
 Chloromethane
 Concen: 4.739 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059564.D
 Acq: 27 Jun 2024 15:35

Tgt Ion: 50 Resp: 71037
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.2 43.0

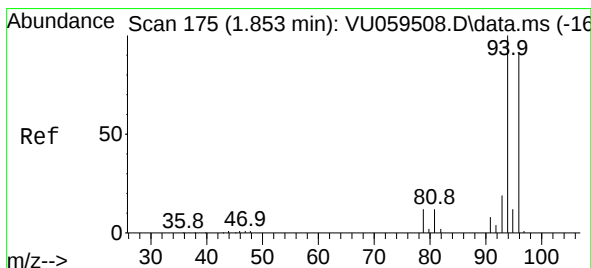
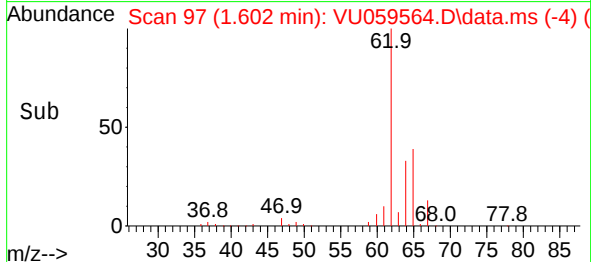
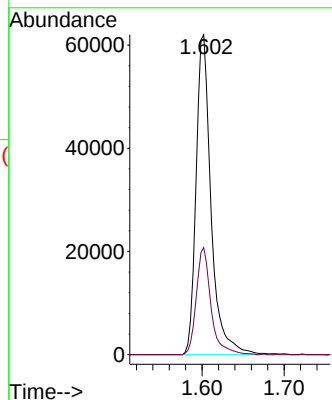
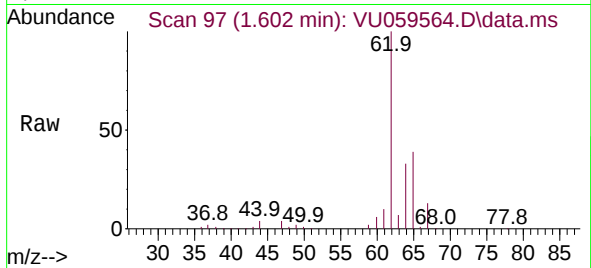




#5
 Vinyl chloride
 Concen: 4.752 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU059564.D
 Acq: 27 Jun 2024 15:35

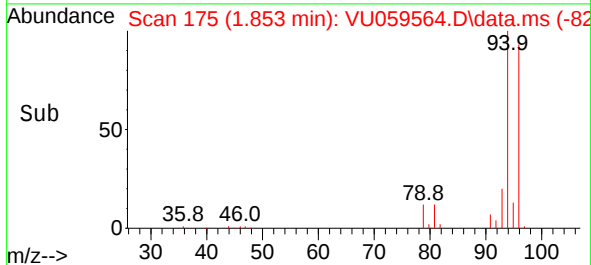
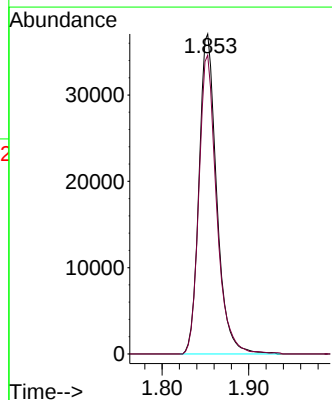
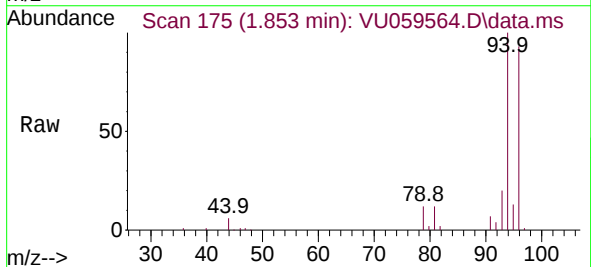
Instrument :
 MSVOA_U
 ClientSampleId :

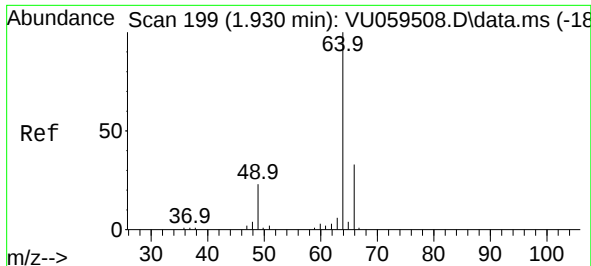
Tgt Ion: 62 Resp: 78691
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9



#6
 Bromomethane
 Concen: 4.555 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU059564.D
 Acq: 27 Jun 2024 15:35

Tgt Ion: 94 Resp: 52447
 Ion Ratio Lower Upper
 94 100
 96 93.4 62.9 116.9

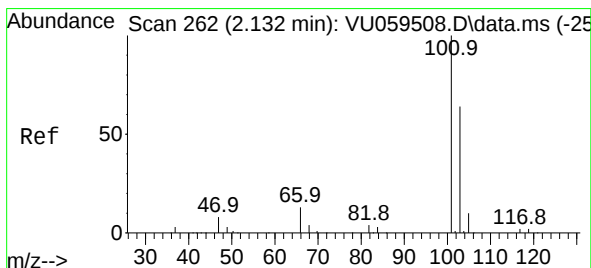
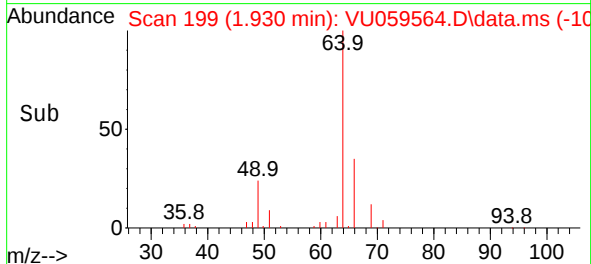
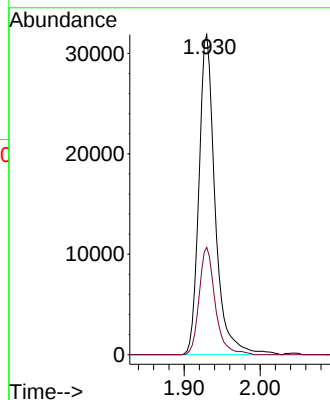
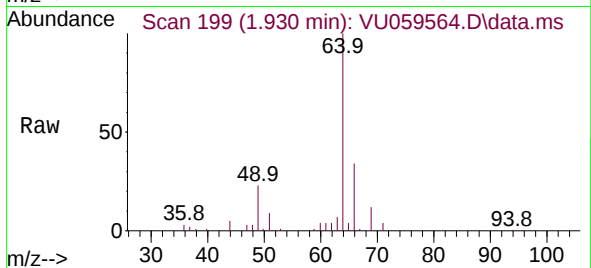




#8
Chloroethane
Concen: 4.732 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

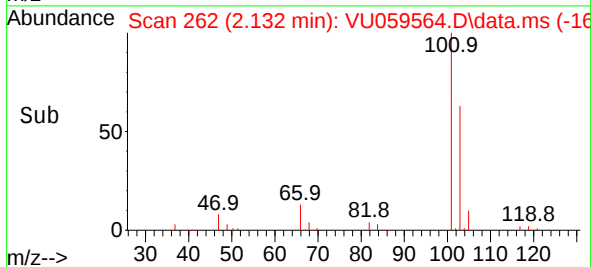
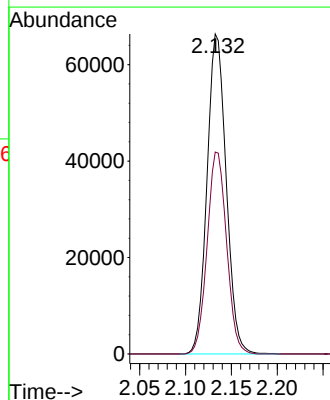
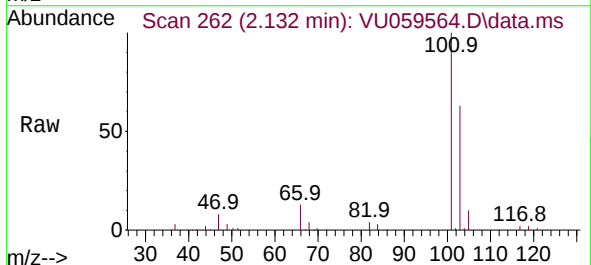
Instrument :
MSVOA_U
ClientSampleId :

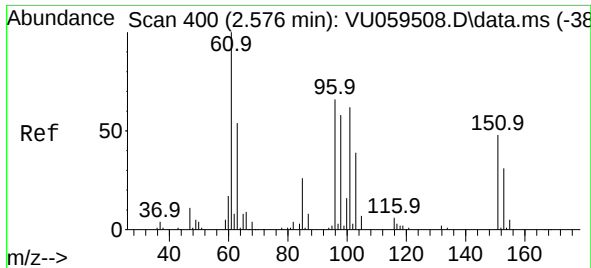
Tgt Ion: 64 Resp: 47219
Ion Ratio Lower Upper
64 100
66 33.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.842 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion:101 Resp: 96527
Ion Ratio Lower Upper
101 100
103 63.8 52.6 79.0

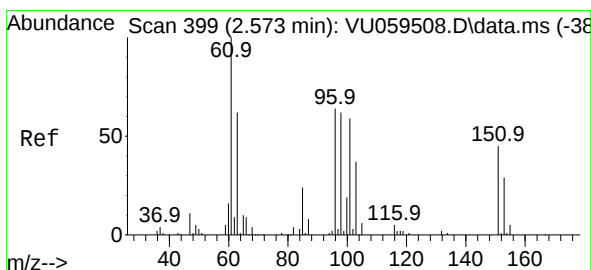
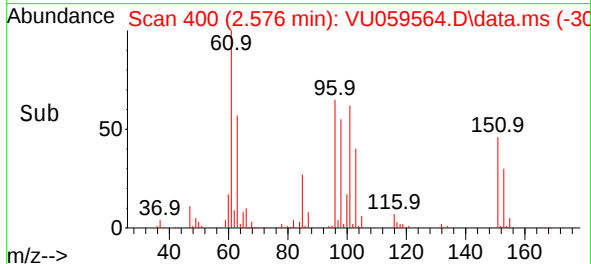
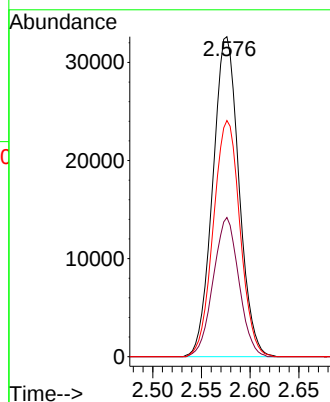
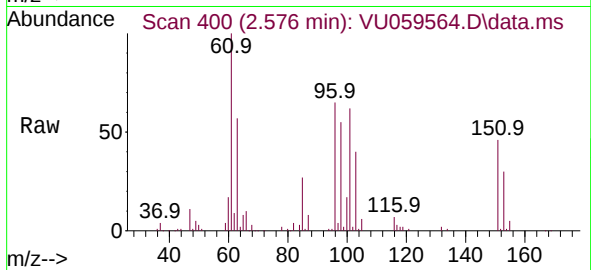




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.838 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

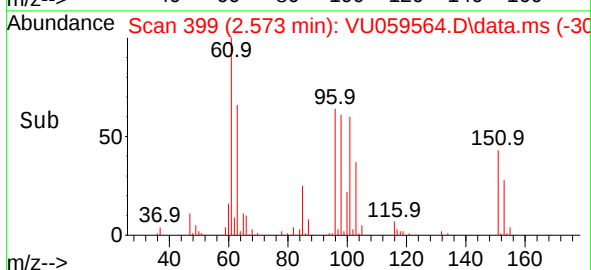
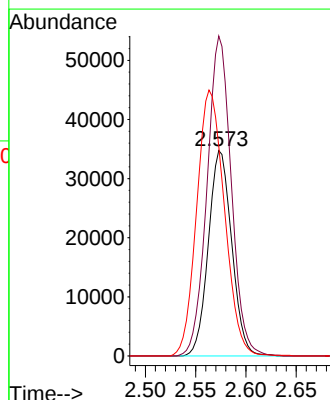
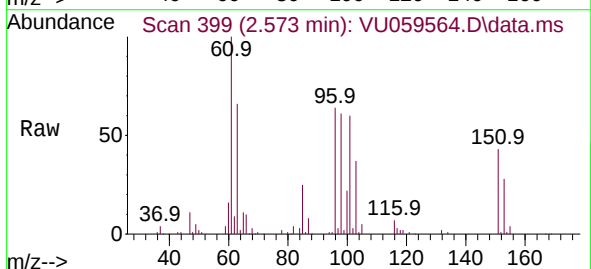
Instrument :
MSVOA_U
ClientSampleId :

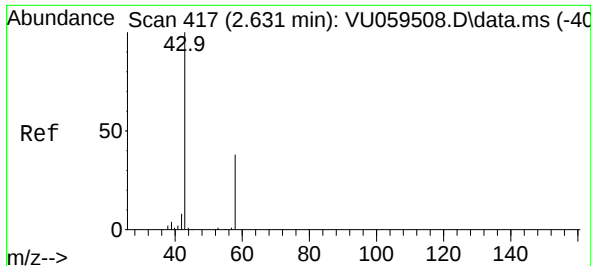
Tgt Ion:101 Resp: 61050
Ion Ratio Lower Upper
101 100
85 42.6 36.2 54.4
151 75.2 55.5 83.3



#12
1,1-Dichloroethene
Concen: 4.820 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 96 Resp: 56189
Ion Ratio Lower Upper
96 100
61 155.8 122.9 228.3
63 102.1 80.4 149.4





#13

Acetone

Concen: 45.450 ug/L

RT: 2.621 min Scan# 417

Delta R.T. -0.010 min

Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

Instrument :

MSVOA_U

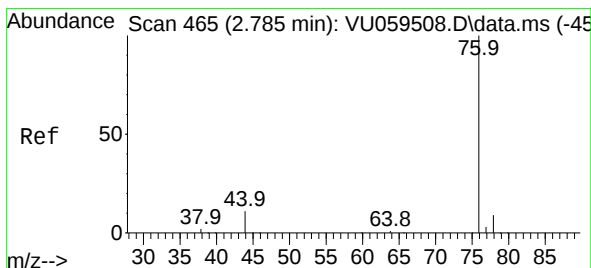
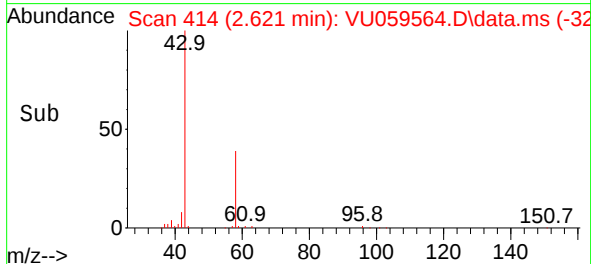
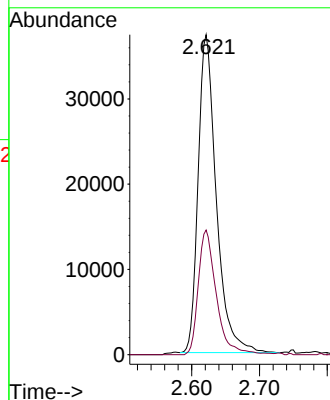
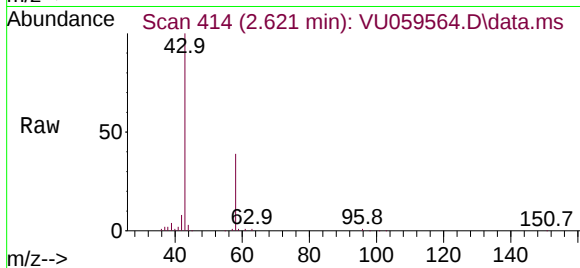
ClientSampleId :

Tgt Ion: 43 Resp: 69413

Ion Ratio Lower Upper

43 100

58 38.7 0.0 68.0



#14

Carbon disulfide

Concen: 4.564 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059564.D

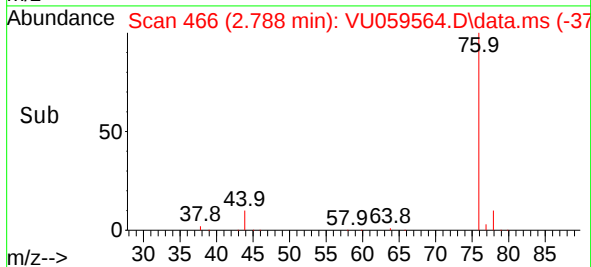
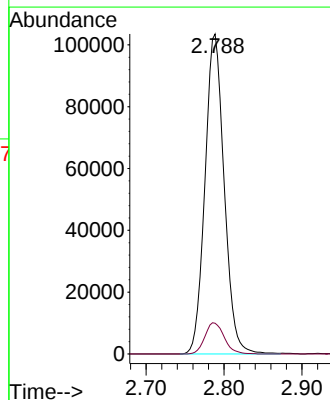
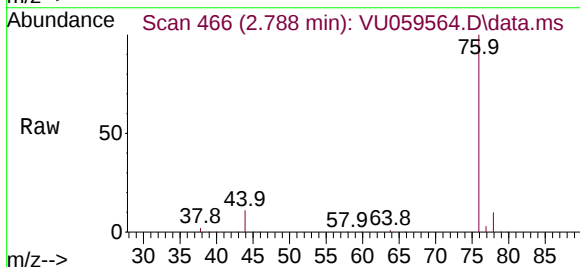
Acq: 27 Jun 2024 15:35

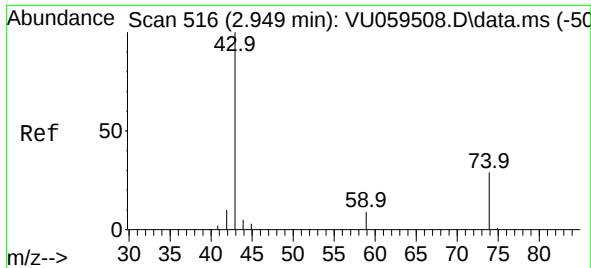
Tgt Ion: 76 Resp: 177514

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

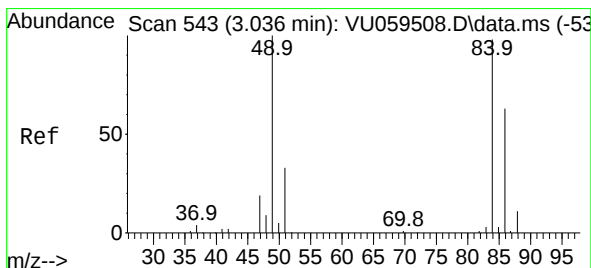
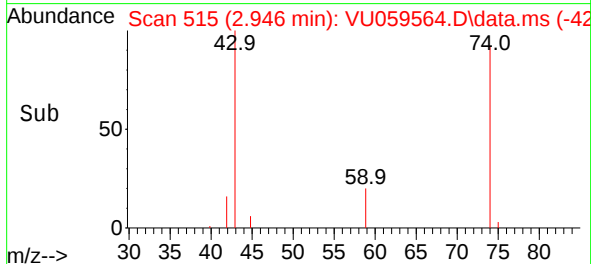
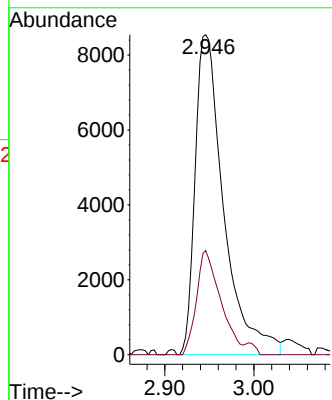
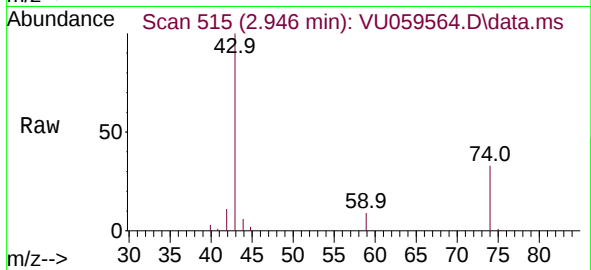




#15
Methyl Acetate
Concen: 4.726 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

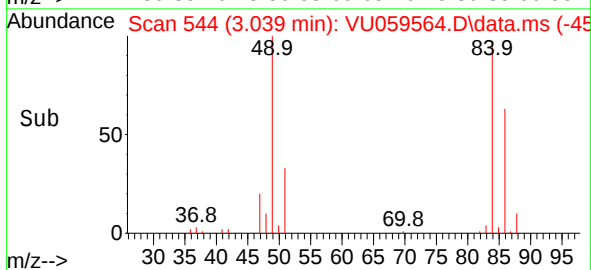
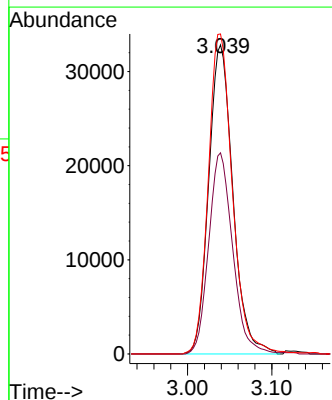
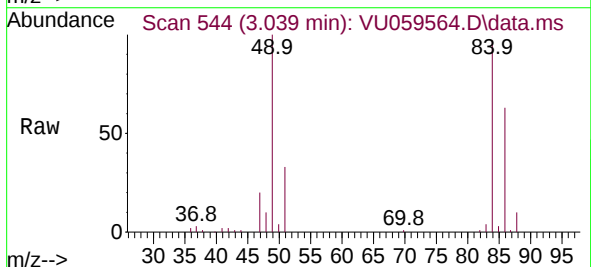
Instrument :
MSVOA_U
ClientSampleId :

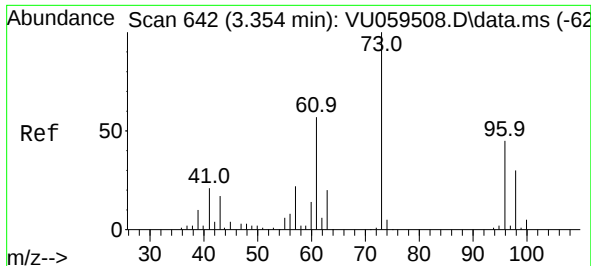
Tgt Ion: 43 Resp: 19046
Ion Ratio Lower Upper
43 100
74 27.6 19.2 28.8



#16
Methylene chloride
Concen: 4.740 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 84 Resp: 65481
Ion Ratio Lower Upper
84 100
86 65.1 42.1 78.1
49 103.5 80.6 149.8

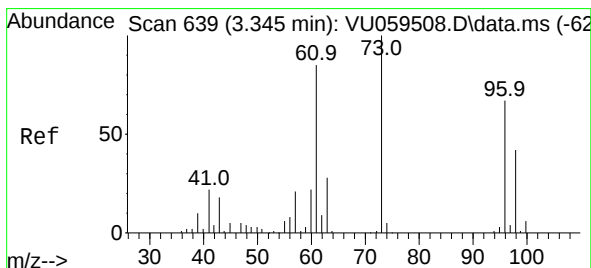
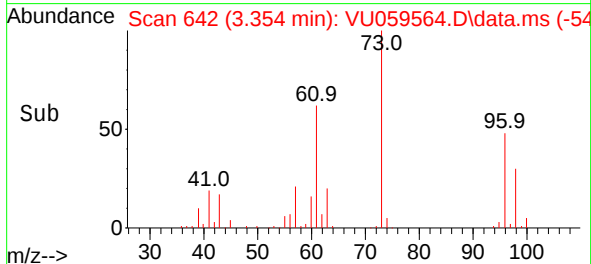
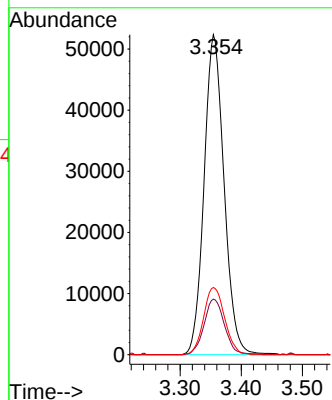
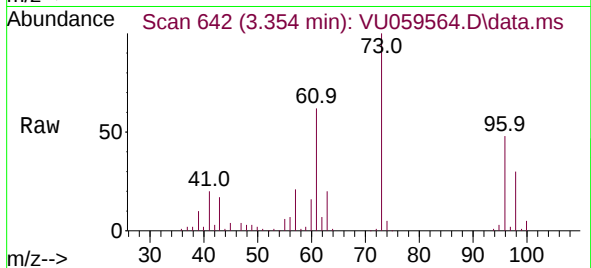




#17
Methyl tert-butyl Ether
Concen: 4.737 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

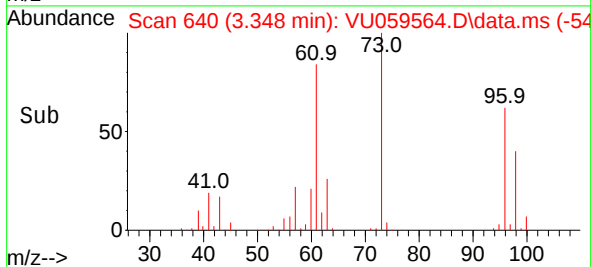
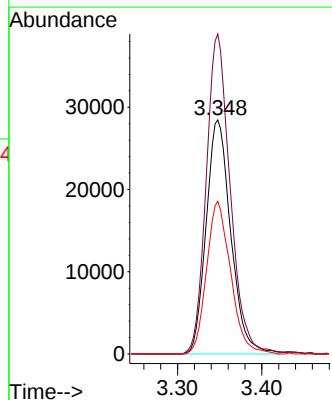
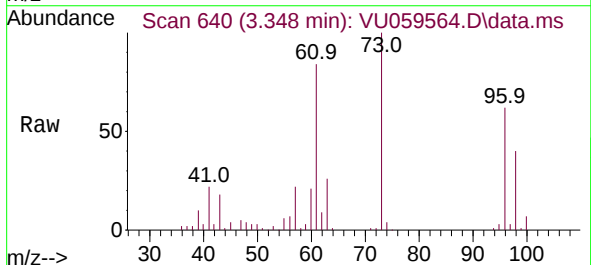
Instrument :
MSVOA_U
ClientSampleId :

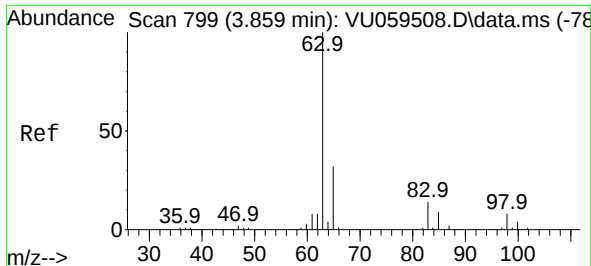
Tgt Ion: 73 Resp: 119005
Ion Ratio Lower Upper
73 100
43 17.8 14.9 22.3
57 22.1 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.785 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 96 Resp: 58009
Ion Ratio Lower Upper
96 100
61 136.7 101.8 189.0
98 65.1 43.3 80.5

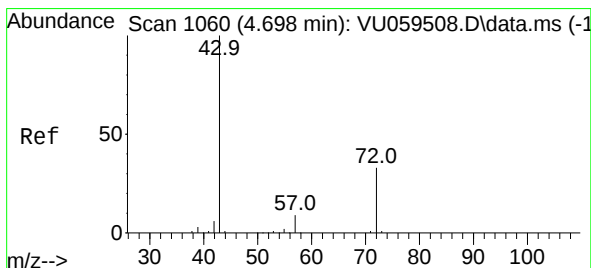
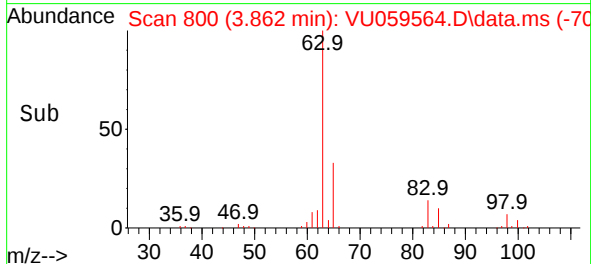
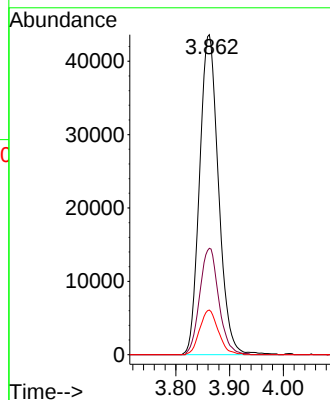
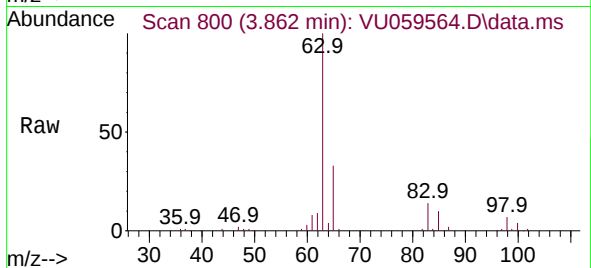




#19
1,1-Dichloroethane
Concen: 4.772 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

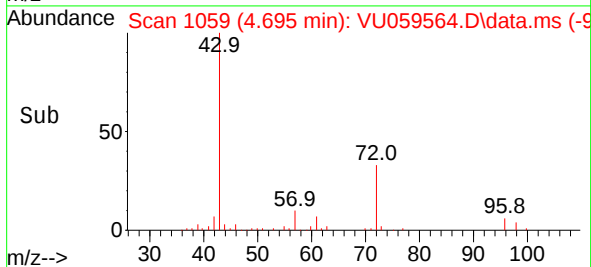
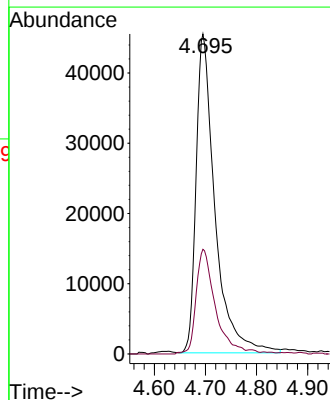
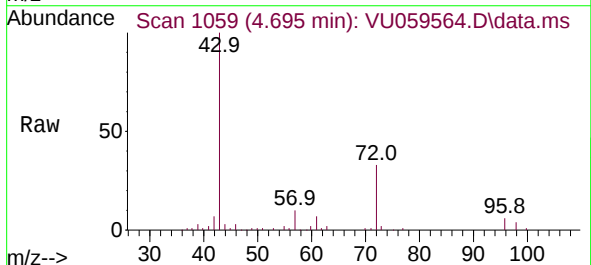
Instrument :
MSVOA_U
ClientSampleId :

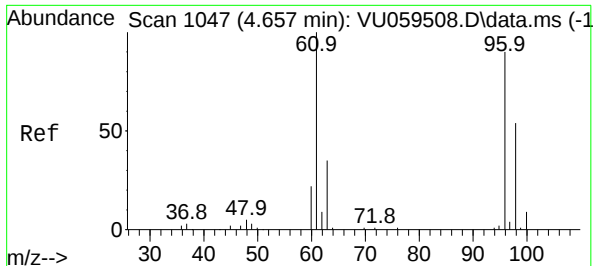
Tgt Ion: 63 Resp: 106684
Ion Ratio Lower Upper
63 100
65 33.2 21.8 40.6
83 13.9 9.9 18.5



#21
2-Butanone
Concen: 47.535 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 43 Resp: 116442
Ion Ratio Lower Upper
43 100
72 32.9 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 4.834 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

Instrument :

MSVOA_U

ClientSampleId :

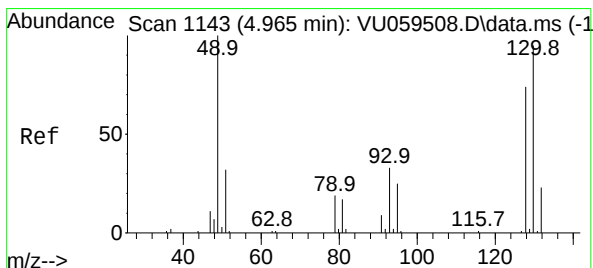
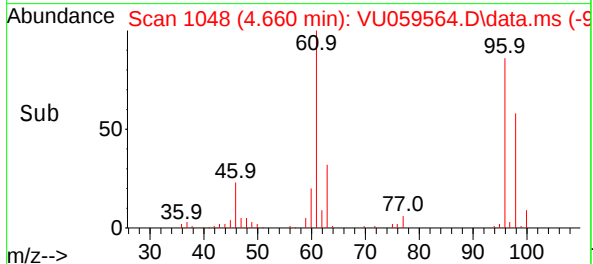
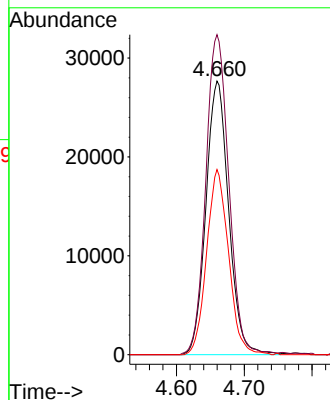
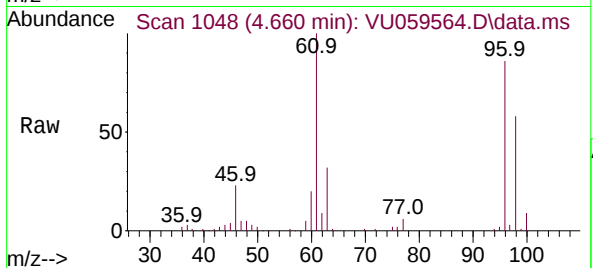
Tgt Ion: 96 Resp: 64603

Ion Ratio Lower Upper

96 100

61 116.9 87.4 162.2

98 67.6 42.3 78.5



#23

Bromochloromethane

Concen: 4.791 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

Tgt Ion: 128 Resp: 29191

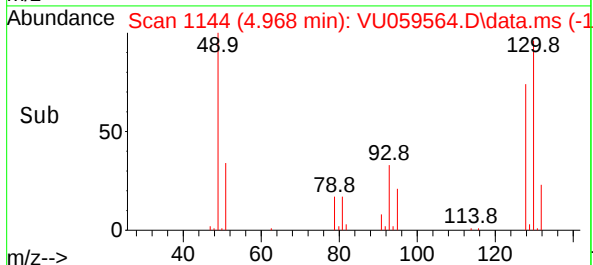
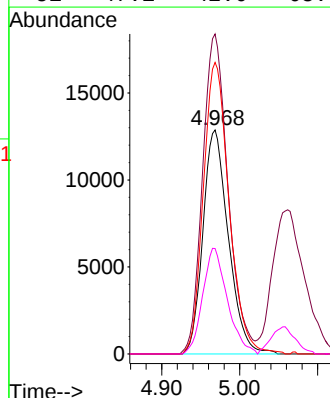
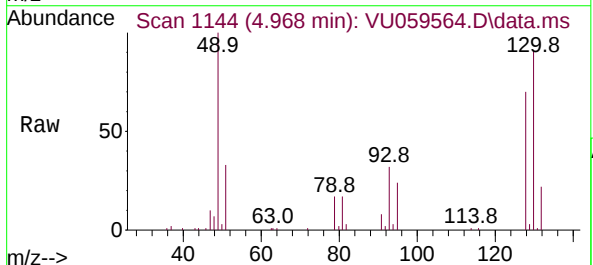
Ion Ratio Lower Upper

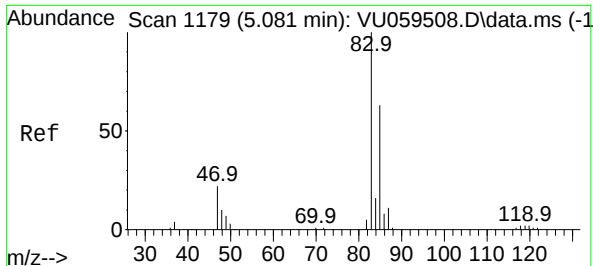
128 100

49 142.8 117.0 217.4

130 130.1 89.6 166.4

51 47.1 42.0 63.0

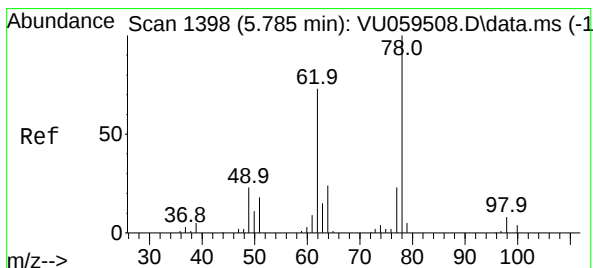
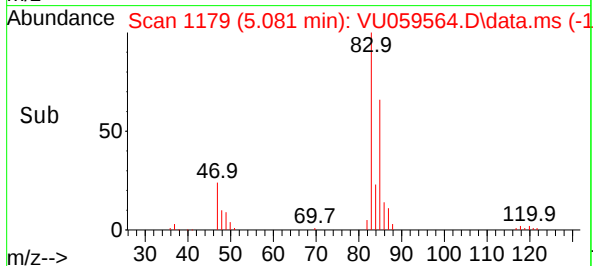
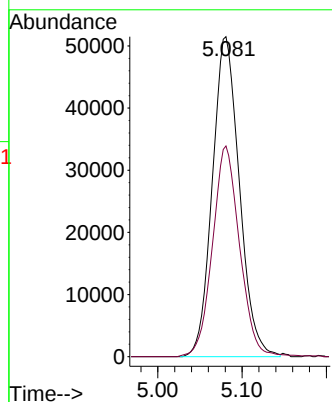
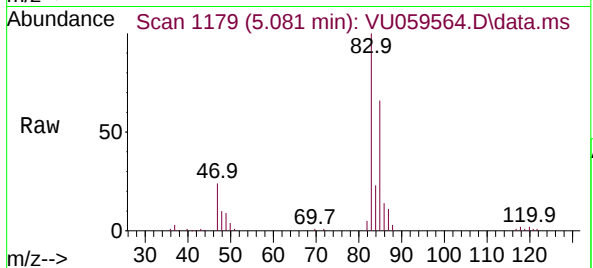




#25
Chloroform
Concen: 4.865 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

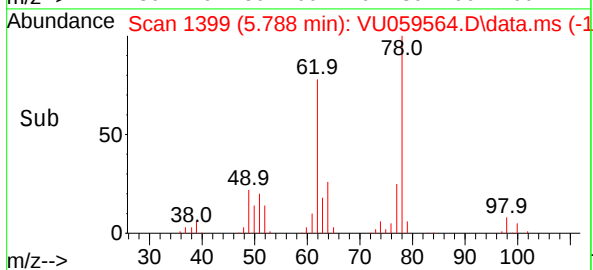
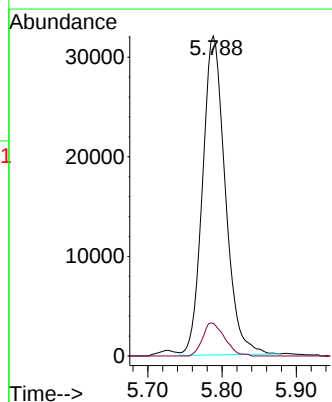
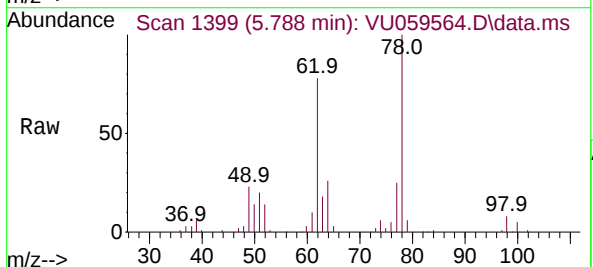
Instrument :
MSVOA_U
ClientSampleId :

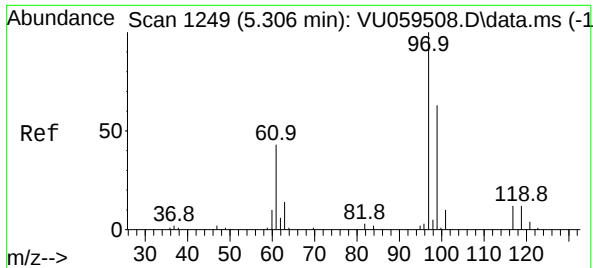
Tgt Ion: 83 Resp: 114573
Ion Ratio Lower Upper
83 100
85 65.8 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.771 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 62 Resp: 68085
Ion Ratio Lower Upper
62 100
98 10.2 7.5 11.3

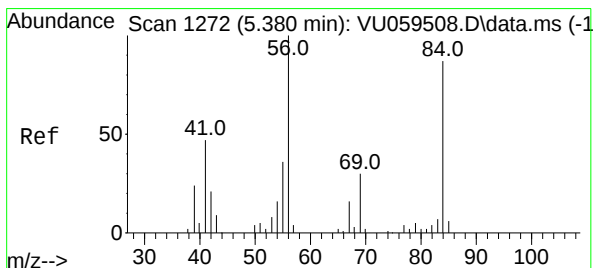
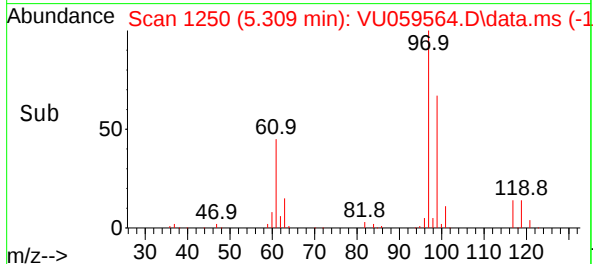
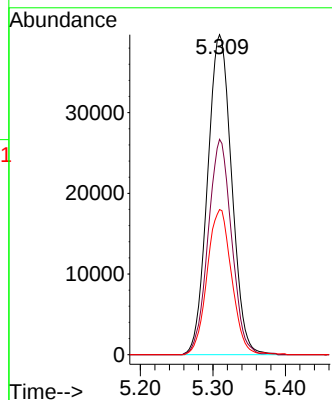
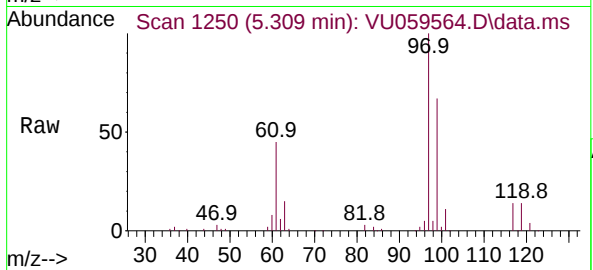




#29
1,1,1-Trichloroethane
Concen: 4.823 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

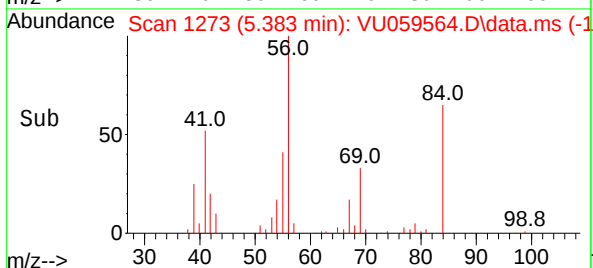
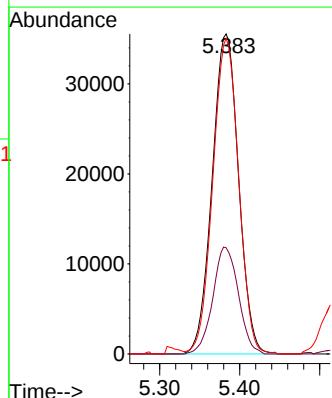
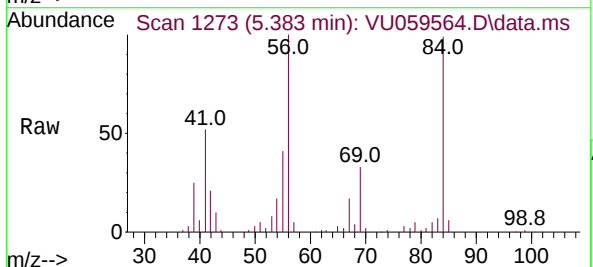
Instrument :
MSVOA_U
ClientSampleId :

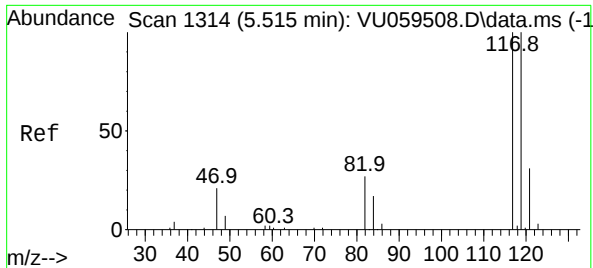
Tgt Ion: 97	Resp: 91768
Ion Ratio	Lower Upper
97	100
99	65.5 51.8 77.6
61	45.7 37.4 56.2



#30
Cyclohexane
Concen: 4.846 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 56	Resp: 81409
Ion Ratio	Lower Upper
56	100
69	32.4 24.8 37.2
84	96.4 69.8 104.8

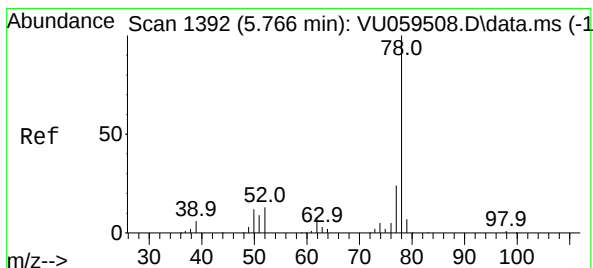
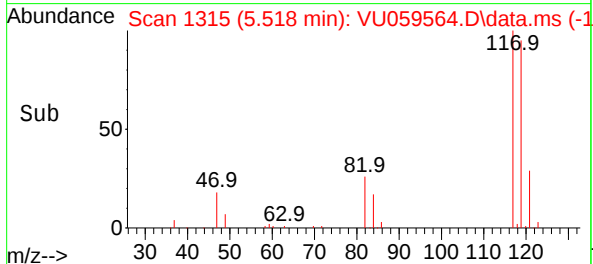
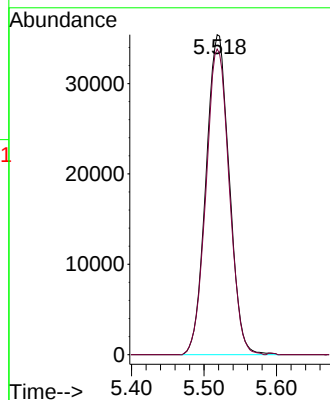
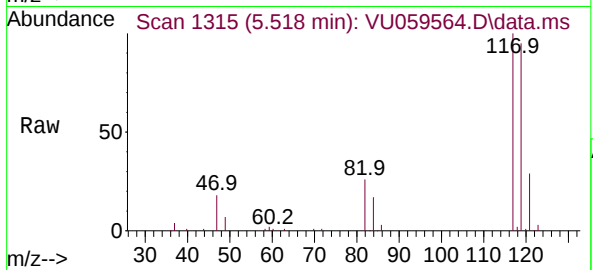




#31
Carbon tetrachloride
Concen: 4.960 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

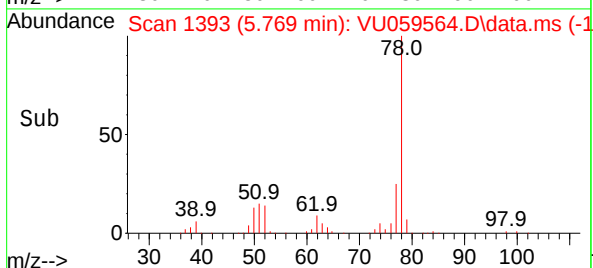
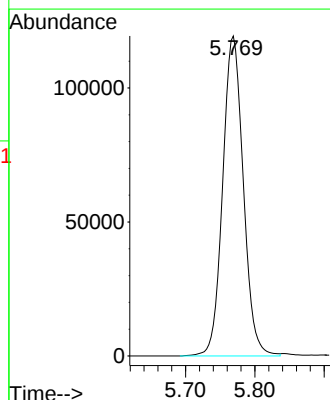
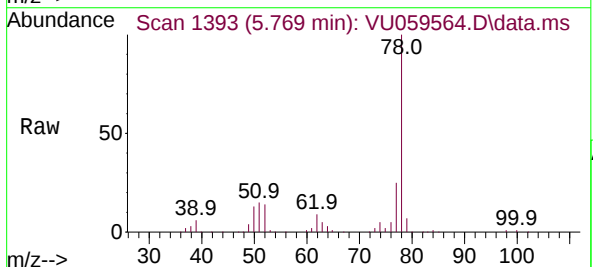
Instrument :
MSVOA_U
ClientSampleId :

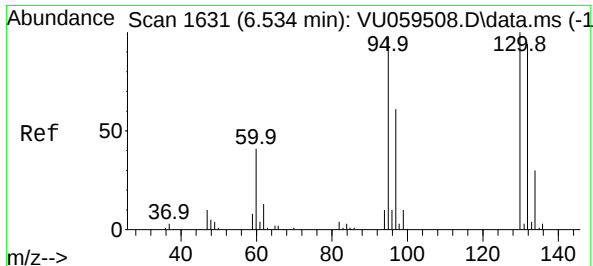
Tgt Ion:117 Resp: 79014
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 4.936 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 78 Resp: 246963

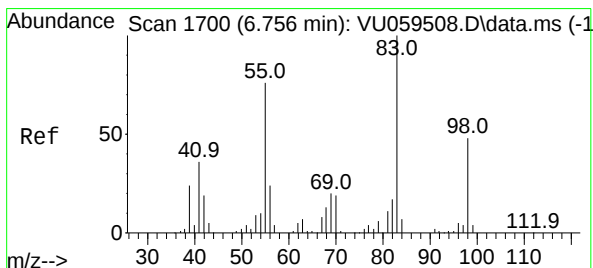
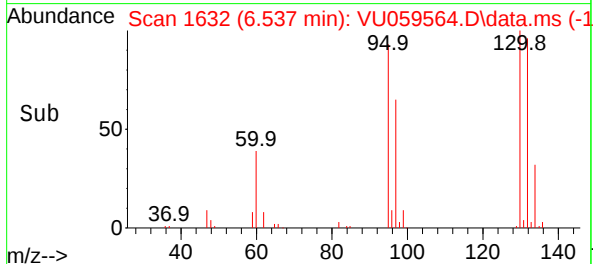
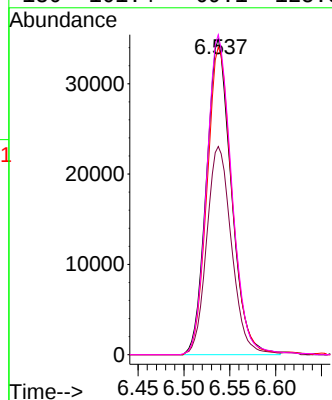
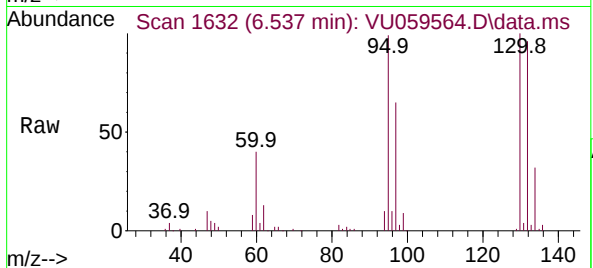




#34
Trichloroethene
Concen: 4.876 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

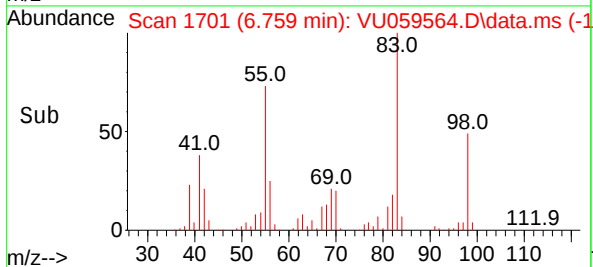
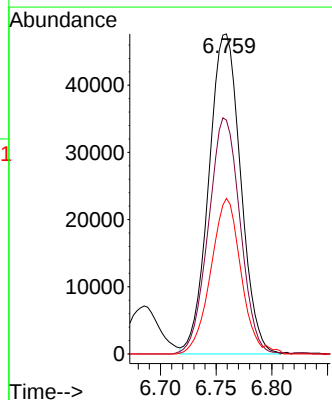
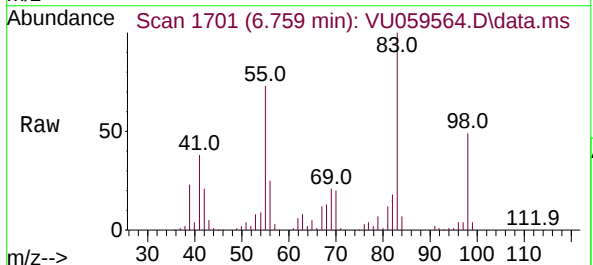
Instrument :
MSVOA_U
ClientSampleId :

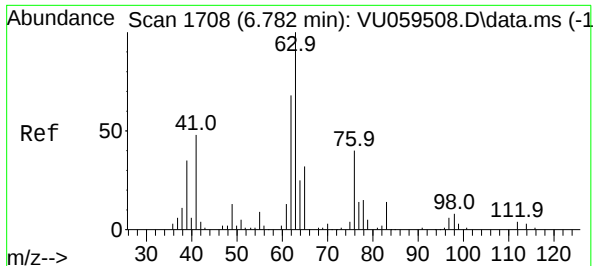
Tgt Ion: 95 Resp: 66073
Ion Ratio Lower Upper
95 100
97 65.9 45.3 84.1
132 97.4 64.0 119.0
130 101.4 69.1 128.3



#35
Methylcyclohexane
Concen: 4.919 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 83 Resp: 94844
Ion Ratio Lower Upper
83 100
55 73.4 62.7 94.1
98 46.1 35.4 53.0

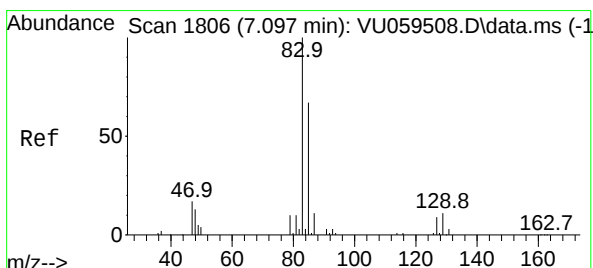
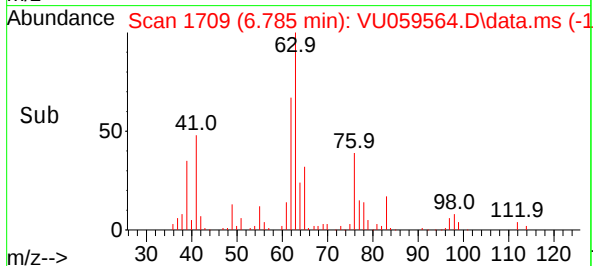
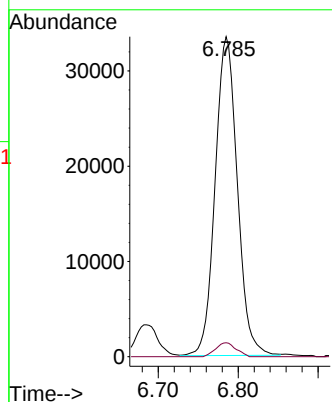
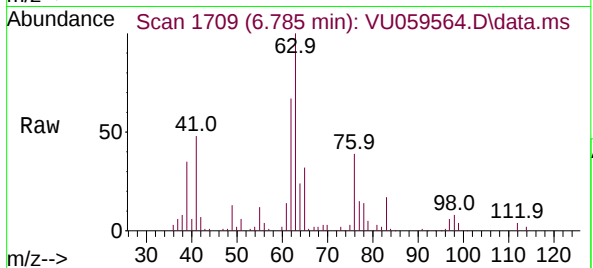




#37
1,2-Dichloropropane
Concen: 4.974 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

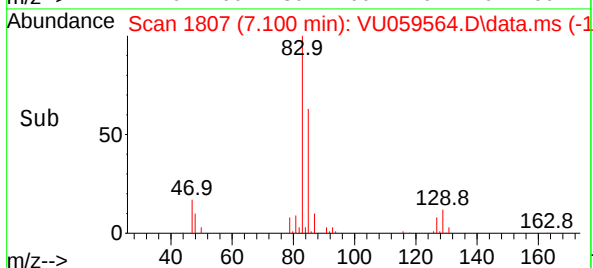
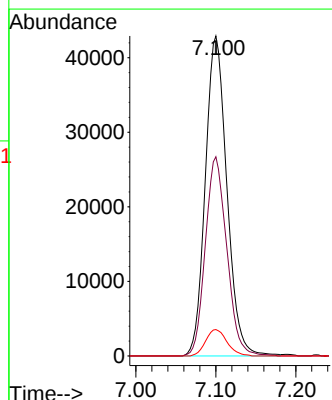
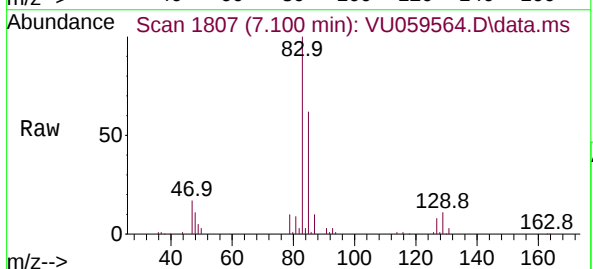
Instrument :
MSVOA_U
ClientSampleId :

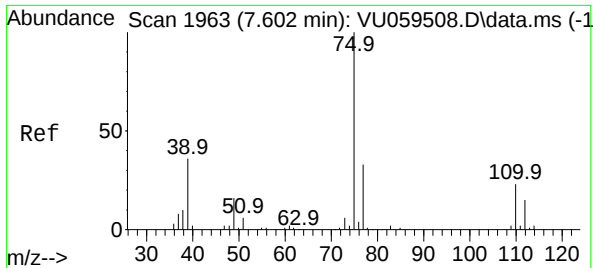
Tgt Ion: 63 Resp: 64407
Ion Ratio Lower Upper
63 100
112 4.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 4.984 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 83 Resp: 80550
Ion Ratio Lower Upper
83 100
85 62.3 42.7 79.3
127 8.2 6.1 9.1

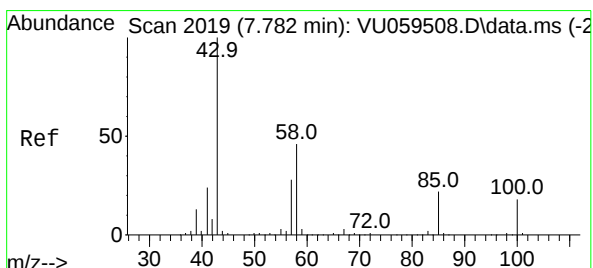
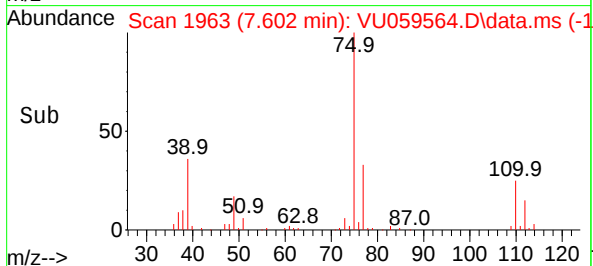
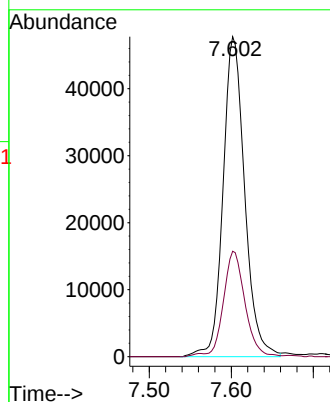
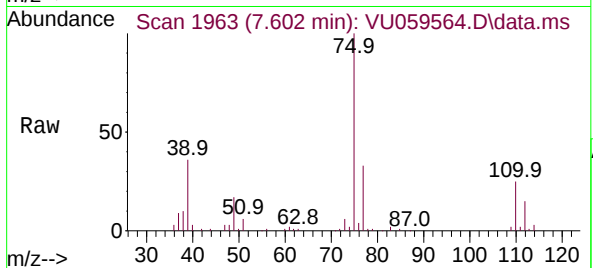




#39
 cis-1,3-Dichloropropene
 Concen: 4.945 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059564.D
 Acq: 27 Jun 2024 15:35

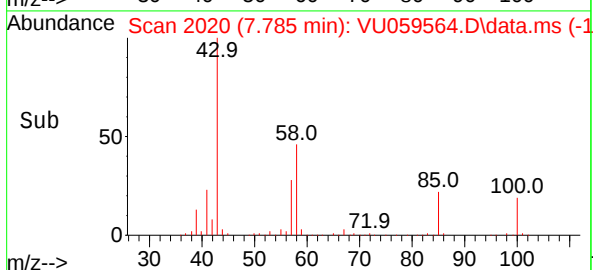
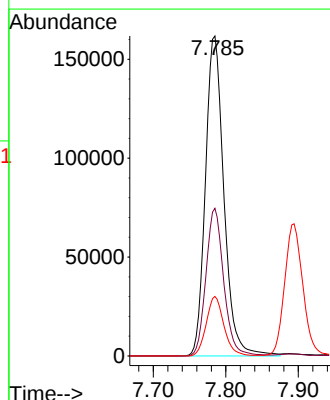
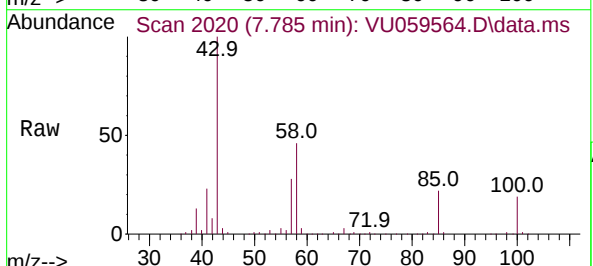
Instrument :
 MSVOA_U
 ClientSampleId :

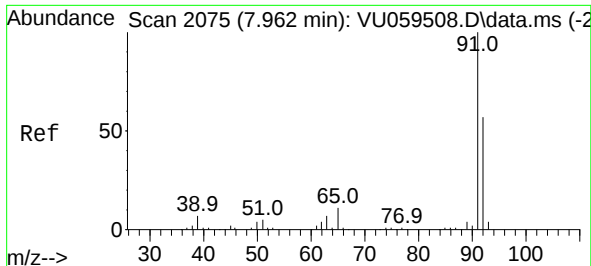
Tgt Ion: 75 Resp: 87566
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 47.827 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU059564.D
 Acq: 27 Jun 2024 15:35

Tgt Ion: 43 Resp: 286961
 Ion Ratio Lower Upper
 43 100
 58 44.5 34.0 51.0
 100 17.8 12.1 18.1





#42

Toluene

Concen: 5.155 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

Instrument :

MSVOA_U

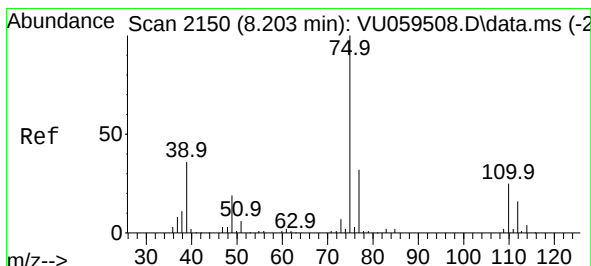
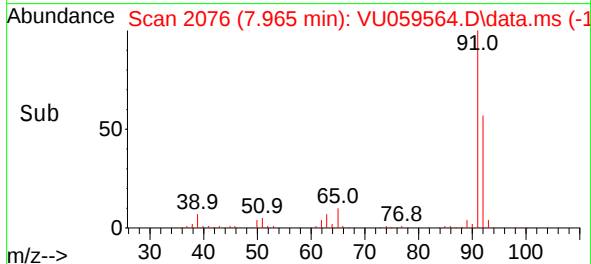
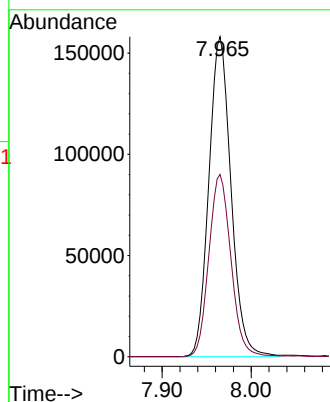
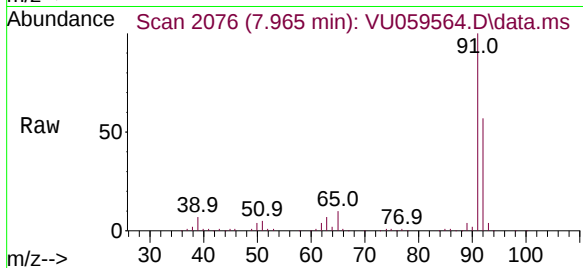
ClientSampleId :

Tgt Ion: 91 Resp: 273102

Ion Ratio Lower Upper

91 100

92 57.0 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.014 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU059564.D

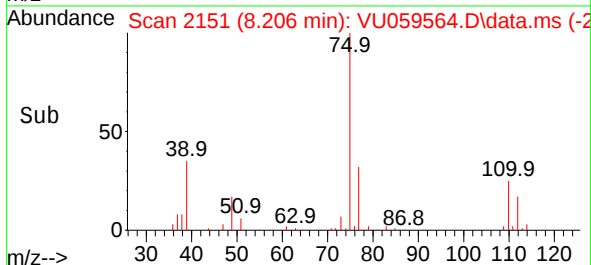
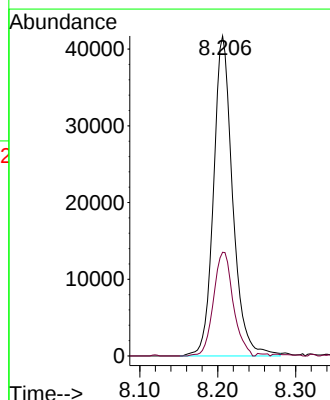
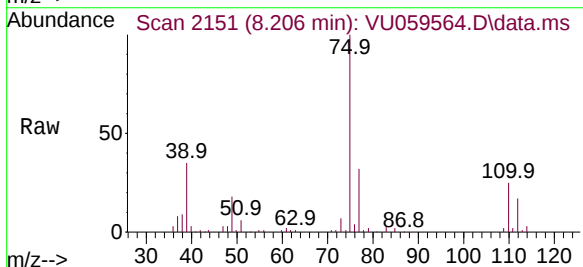
Acq: 27 Jun 2024 15:35

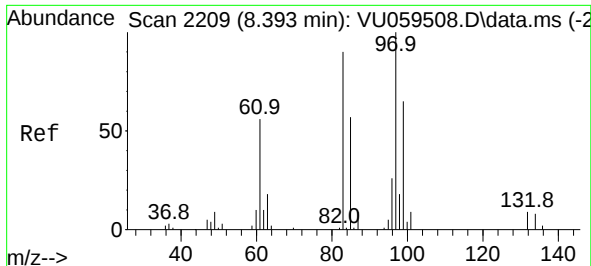
Tgt Ion: 75 Resp: 71271

Ion Ratio Lower Upper

75 100

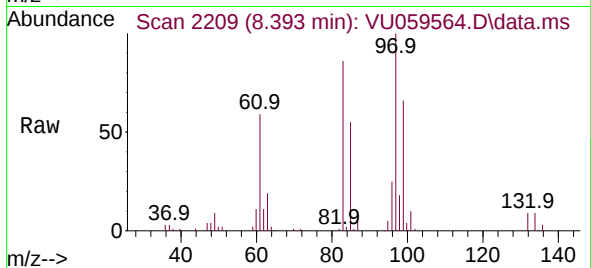
77 32.4 22.0 41.0





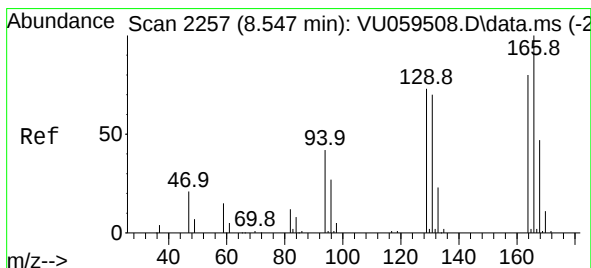
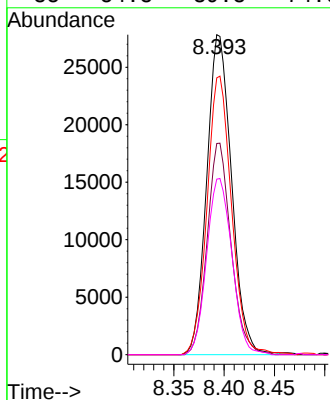
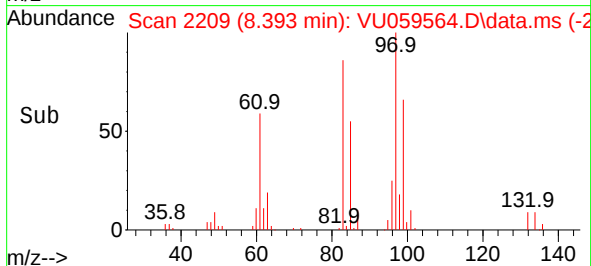
#45
1,1,2-Trichloroethane
Concen: 5.018 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Instrument :
MSVOA_U
ClientSampleId :

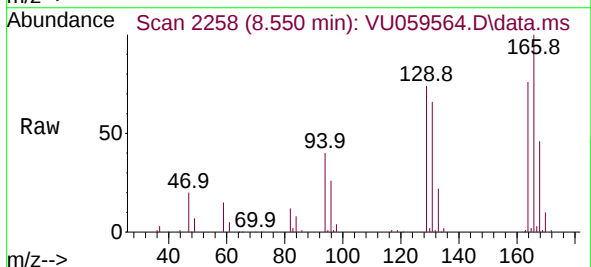


Tgt Ion: 97 Resp: 47876

Ion	Ratio	Lower	Upper
97	100		
99	66.0	43.3	80.3
83	86.5	62.3	115.7
85	54.8	39.8	74.0

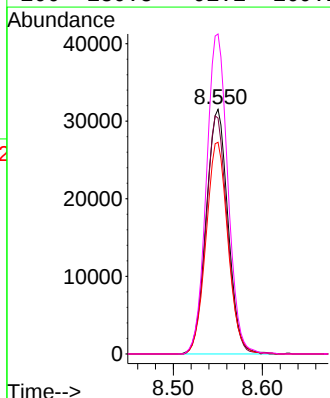
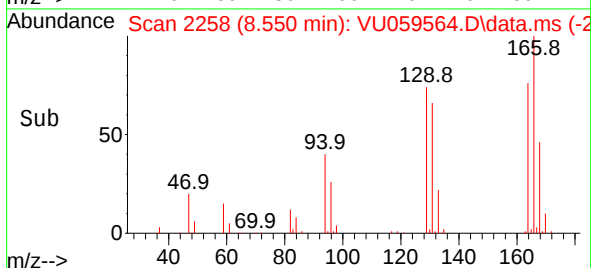


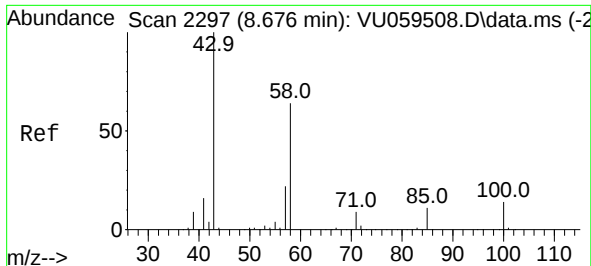
#47
Tetrachloroethene
Concen: 5.124 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35



Tgt Ion: 164 Resp: 53884

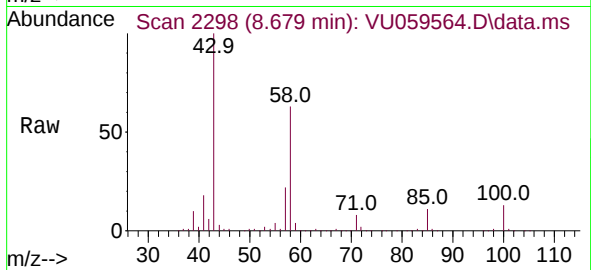
Ion	Ratio	Lower	Upper
164	100		
129	96.4	70.8	131.4
131	86.5	64.8	120.3
166	130.8	91.1	169.1



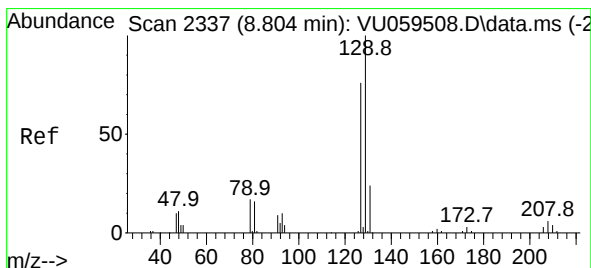
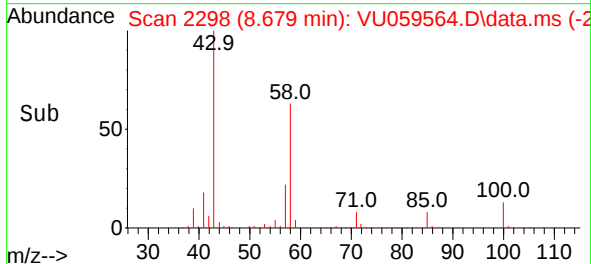
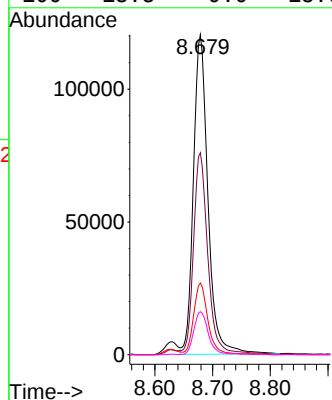


#48
2-Hexanone
Concen: 49.156 ug/L
RT: 8.679 min Scan# 210494
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Instrument :
MSVOA_U
ClientSampleId :

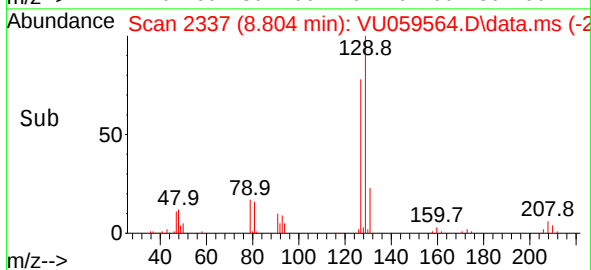
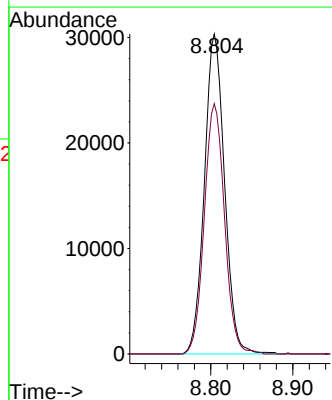
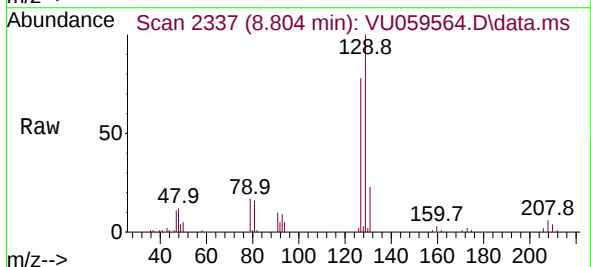


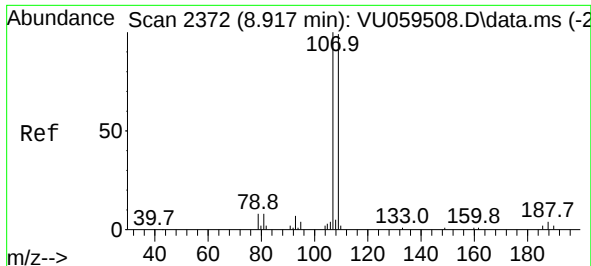
Tgt Ion	Ratio	Lower	Upper
43	100		
58	61.1	46.1	69.1
57	21.4	15.5	23.3
100	13.3	9.0	13.6



#49
Dibromochloromethane
Concen: 4.910 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	52.5	97.5

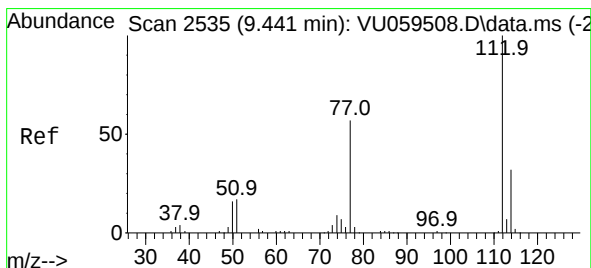
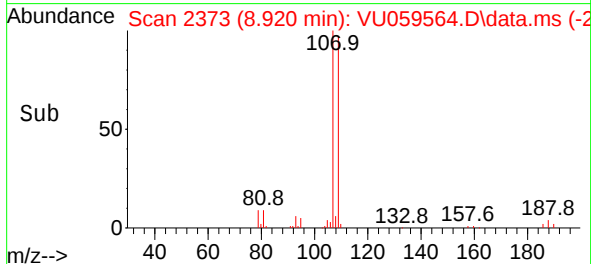
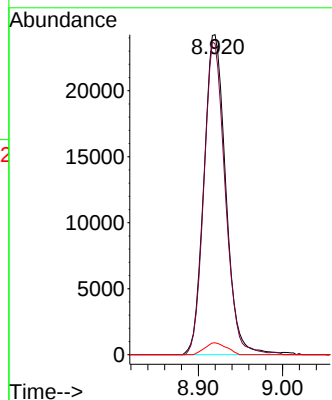
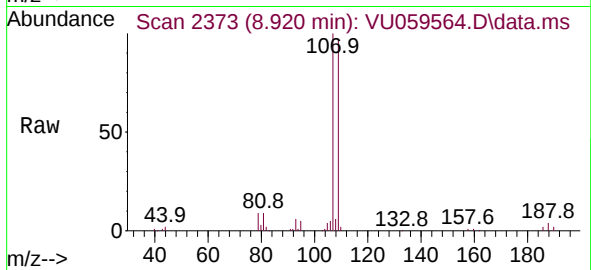




#50
1,2-Dibromoethane
Concen: 4.957 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

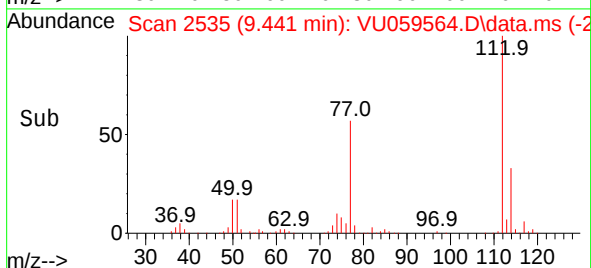
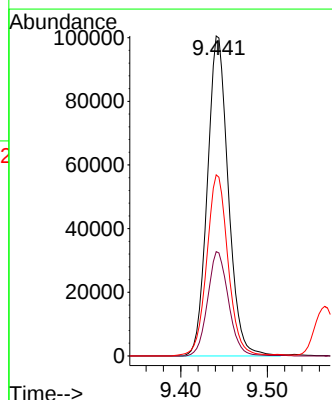
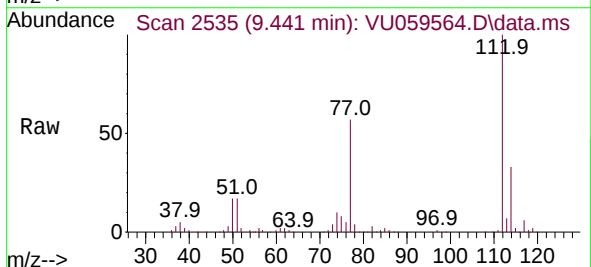
Instrument :
MSVOA_U
ClientSampleId :

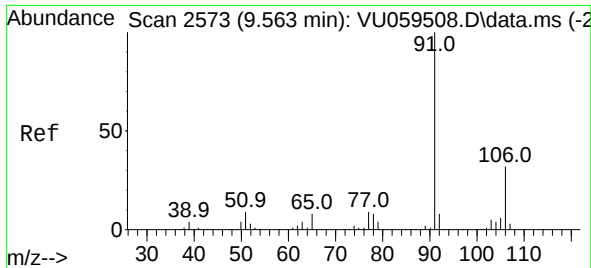
Tgt Ion:107 Resp: 43682
Ion Ratio Lower Upper
107 100
109 97.2 66.9 124.3
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 5.025 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion:112 Resp: 168820
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 56.6 49.1 73.7

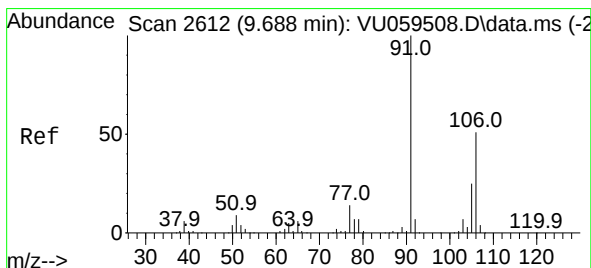
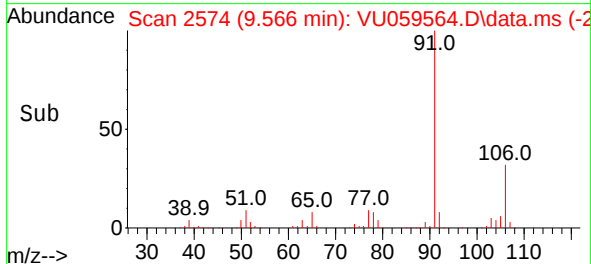
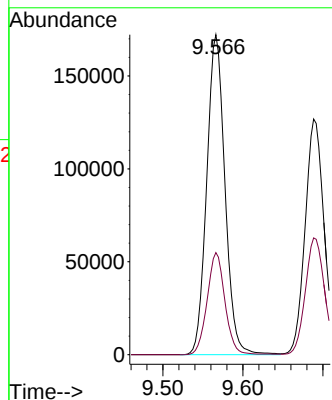
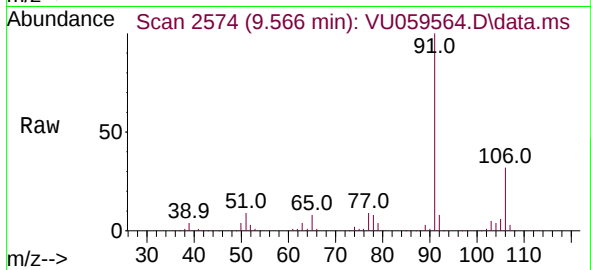




#52
Ethylbenzene
Concen: 5.033 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

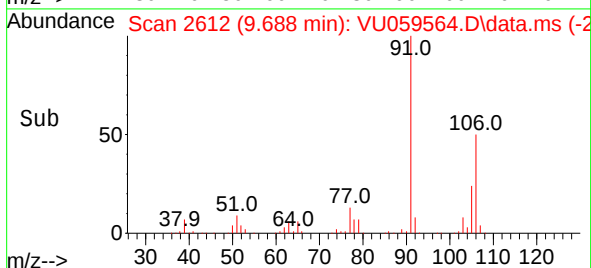
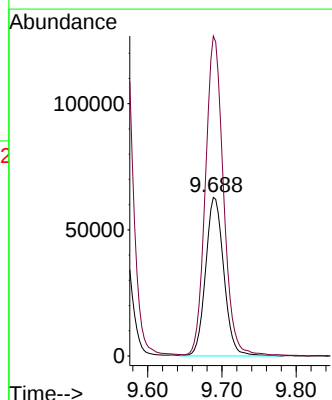
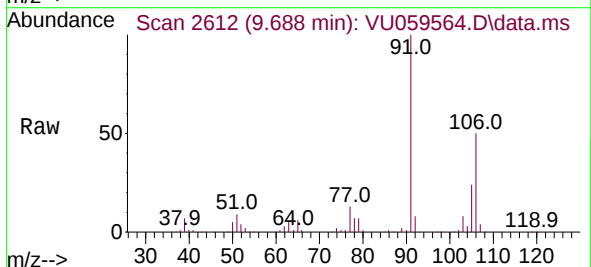
Instrument :
MSVOA_U
ClientSampleId :

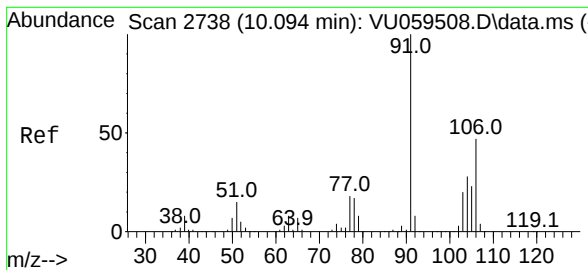
Tgt Ion: 91 Resp: 273519
Ion Ratio Lower Upper
91 100
106 31.9 20.9 38.7



#53
m,p-Xylene
Concen: 5.127 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion:106 Resp: 107013
Ion Ratio Lower Upper
106 100
91 201.7 142.0 263.8

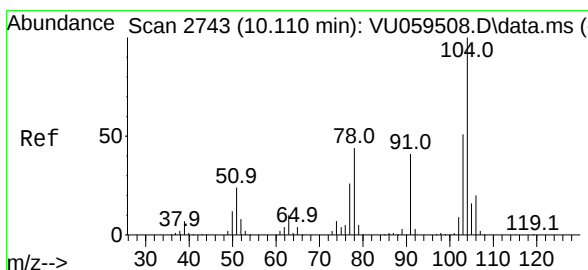
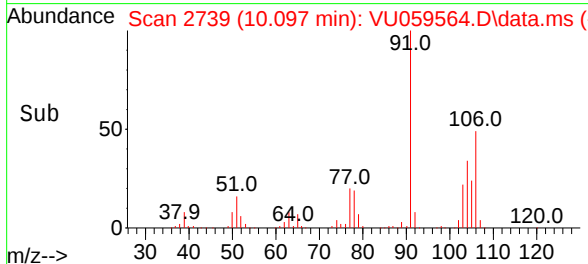
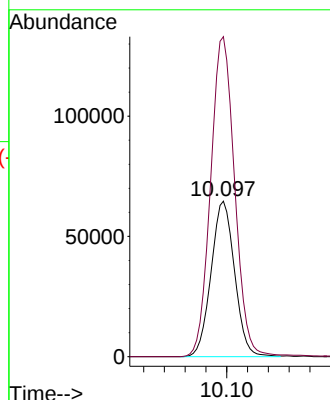
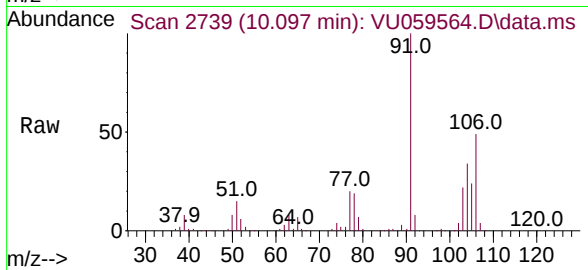




#54
o-Xylene
Concen: 5.128 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

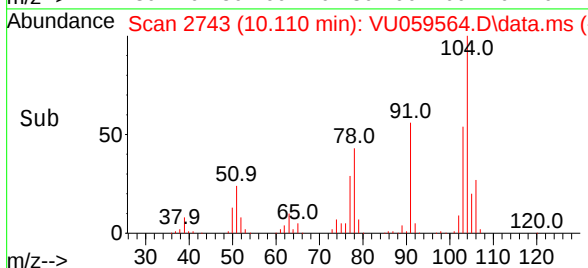
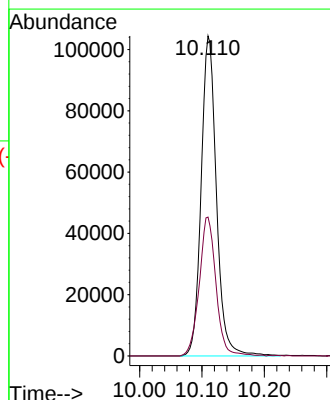
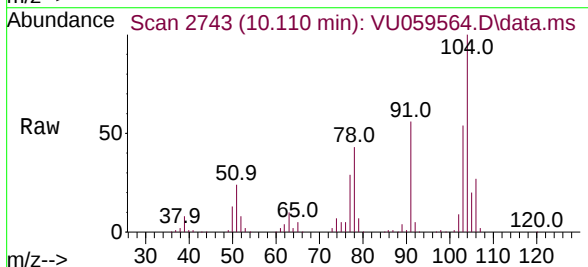
Instrument :
MSVOA_U
ClientSampleId :

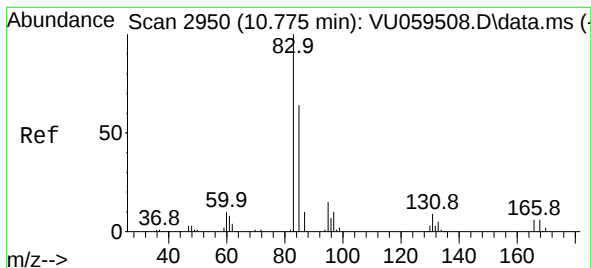
Tgt Ion:106 Resp: 101565
Ion Ratio Lower Upper
106 100
91 205.7 151.6 281.6



#55
Styrene
Concen: 5.284 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion:104 Resp: 178152
Ion Ratio Lower Upper
104 100
78 43.4 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.862 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

Instrument :

MSVOA_U

ClientSampleId :

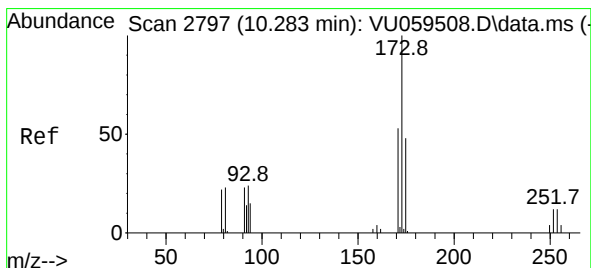
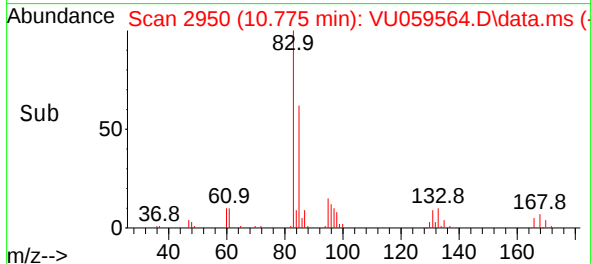
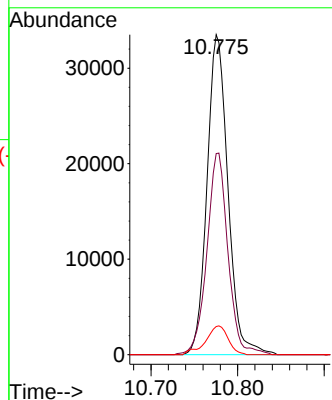
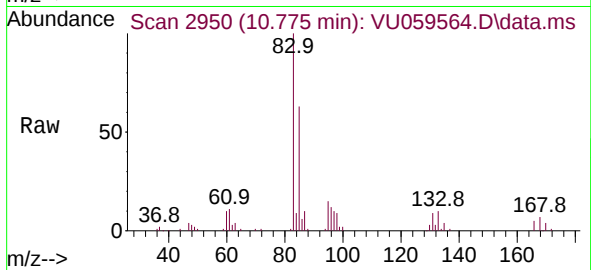
Tgt Ion: 83 Resp: 56275

Ion Ratio Lower Upper

83 100

85 62.9 44.7 82.9

131 8.8 6.9 10.3



#59

Bromoform

Concen: 4.562 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

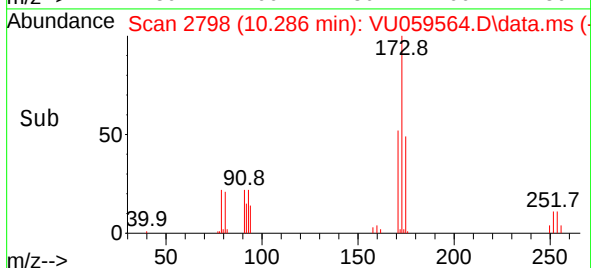
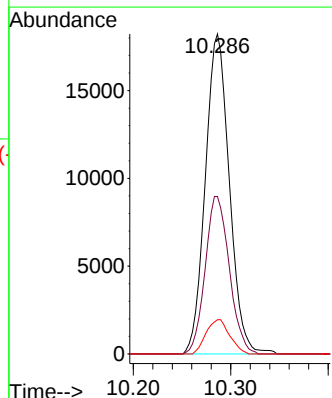
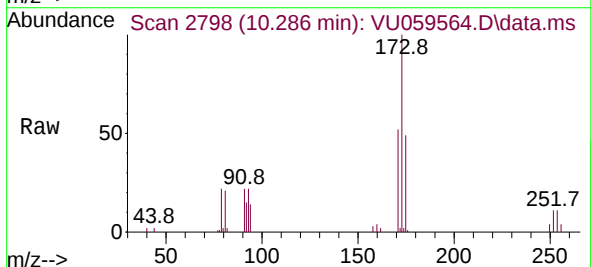
Tgt Ion:173 Resp: 31168

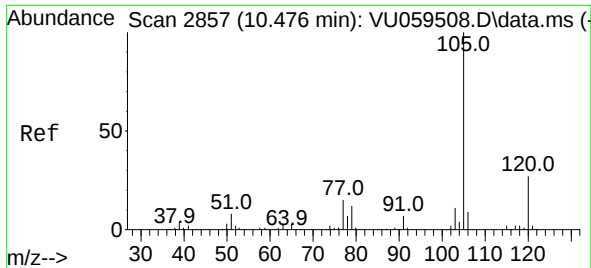
Ion Ratio Lower Upper

173 100

175 49.4 39.4 59.2

254 10.5 7.4 11.2

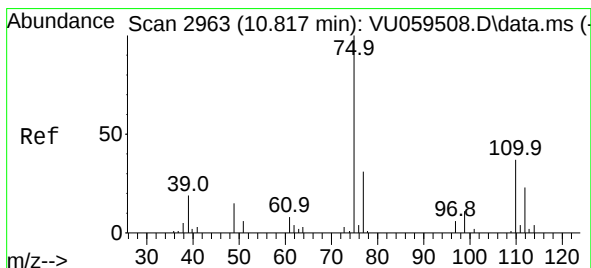
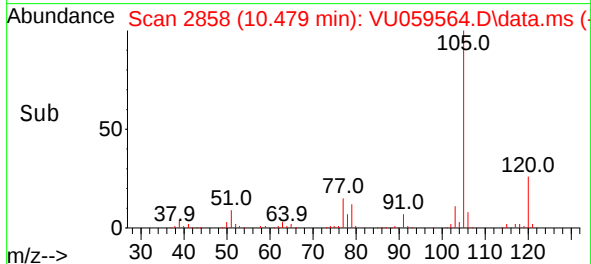
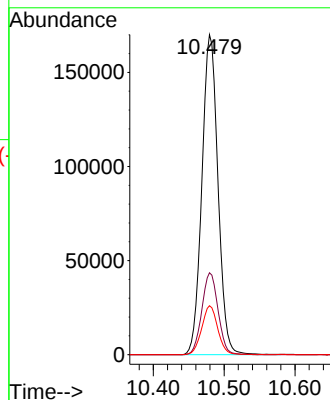
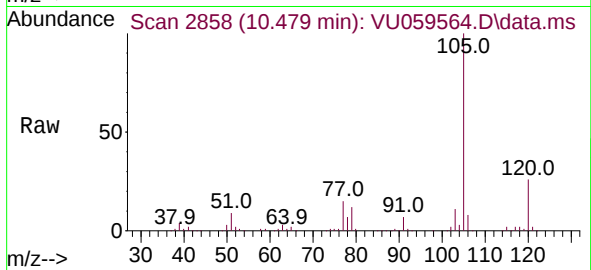




#60
Isopropylbenzene
Concen: 4.864 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

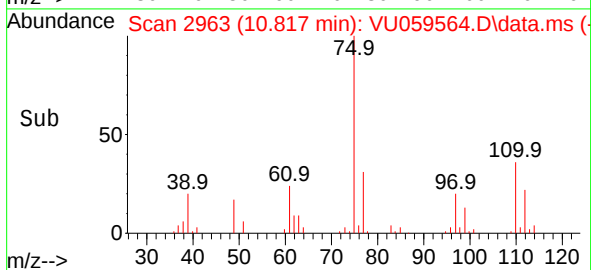
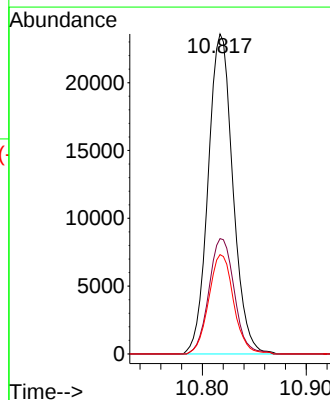
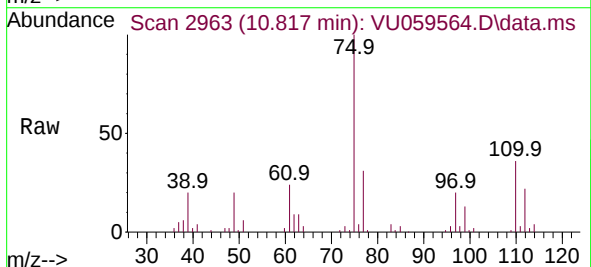
Instrument :
MSVOA_U
ClientSampleId :

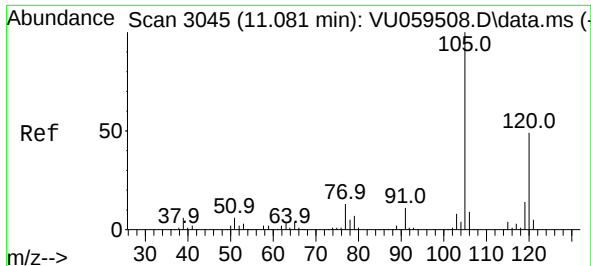
Tgt Ion:105 Resp: 268216
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.3 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 4.725 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 75 Resp: 38975
Ion Ratio Lower Upper
75 100
110 37.0 27.1 40.7
77 31.3 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.774 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

Instrument :

MSVOA_U

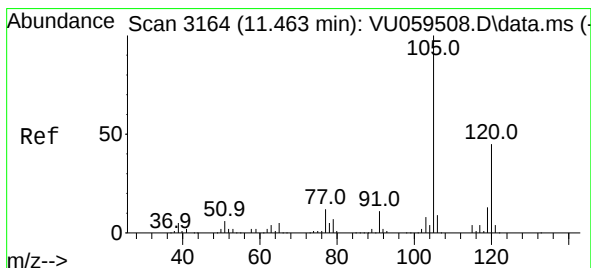
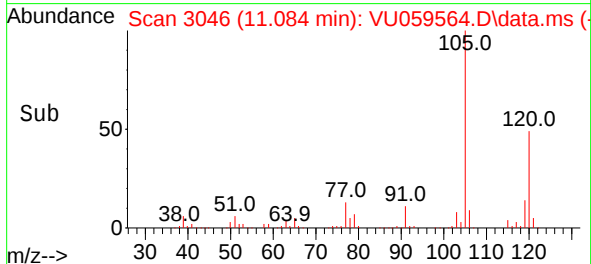
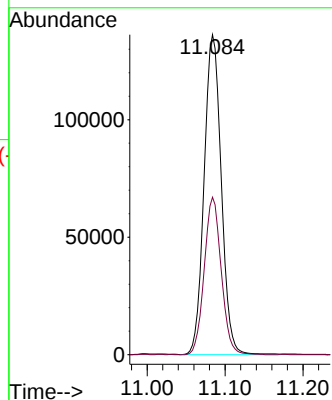
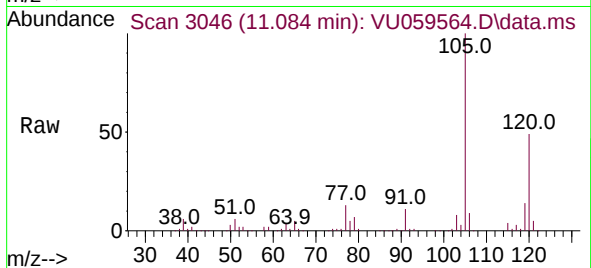
ClientSampleId :

Tgt Ion:105 Resp: 208554

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.828 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059564.D

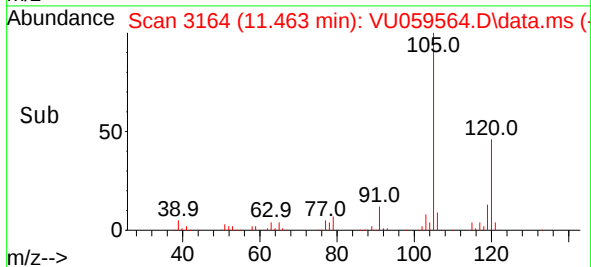
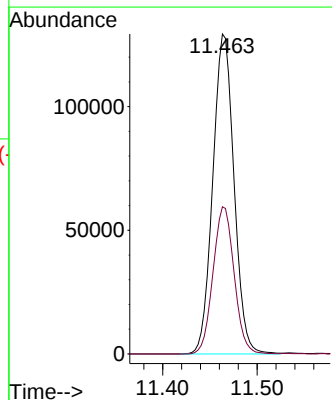
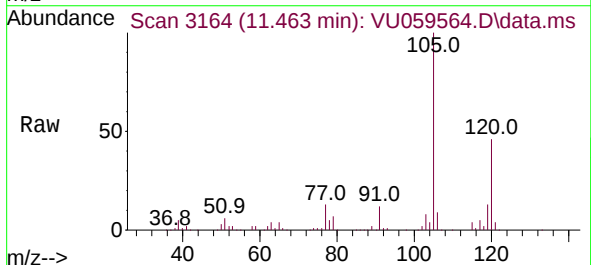
Acq: 27 Jun 2024 15:35

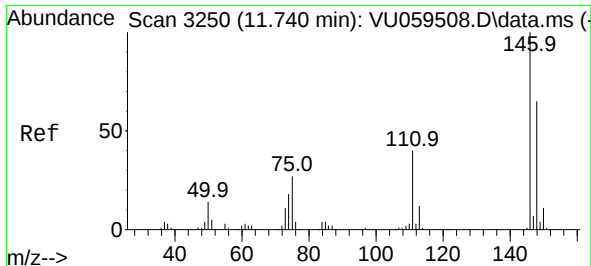
Tgt Ion:105 Resp: 201645

Ion Ratio Lower Upper

105 100

120 45.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.867 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

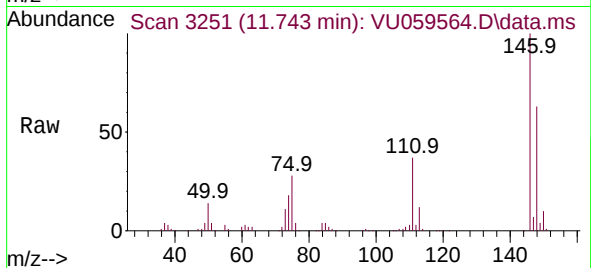
Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

Instrument :

MSVOA_U

ClientSampleId :



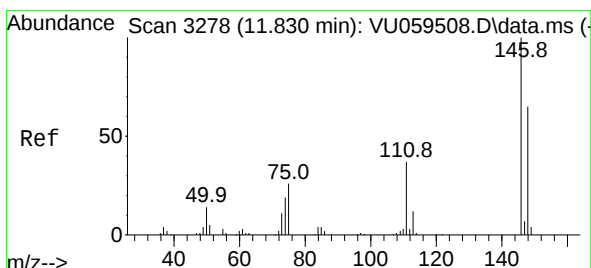
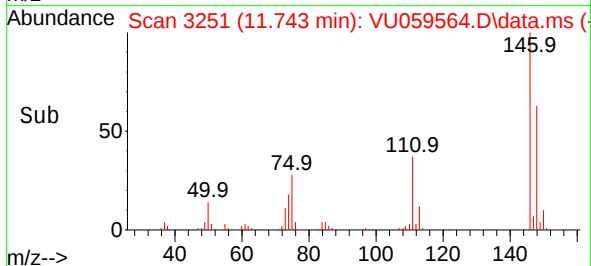
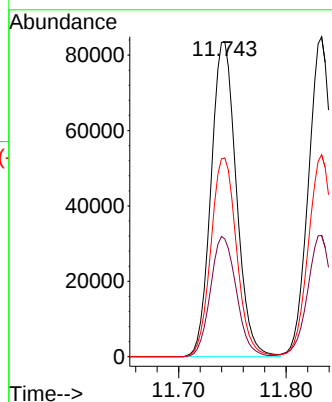
Tgt Ion:146 Resp: 136505

Ion Ratio Lower Upper

146 100

111 37.4 27.4 51.0

148 63.2 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 4.695 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

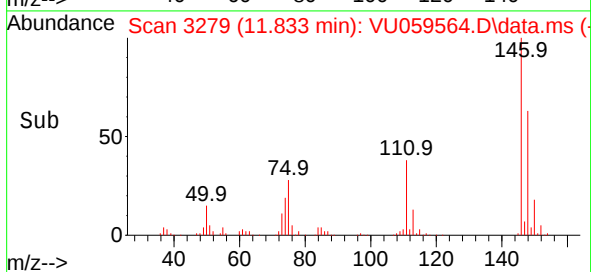
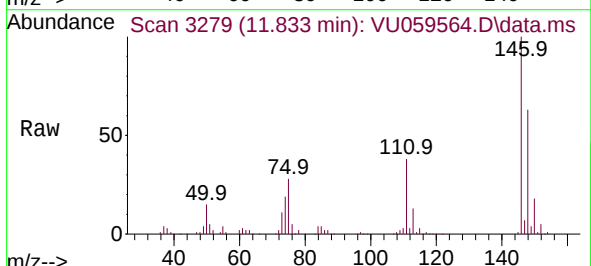
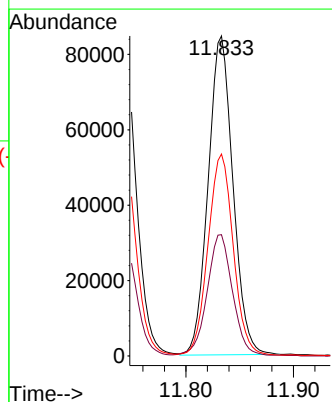
Tgt Ion:146 Resp: 135534

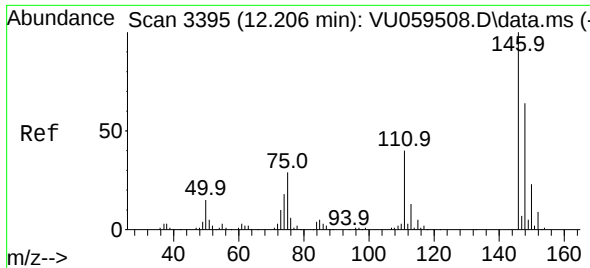
Ion Ratio Lower Upper

146 100

111 37.9 26.9 50.1

148 63.1 45.3 84.1

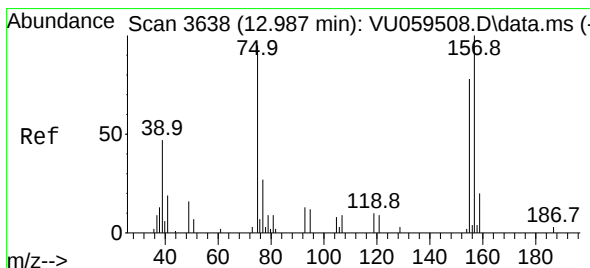
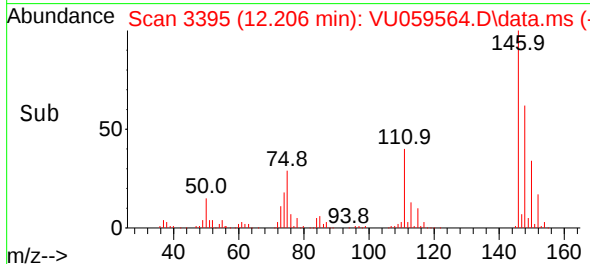
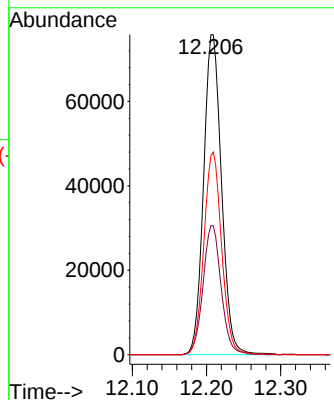
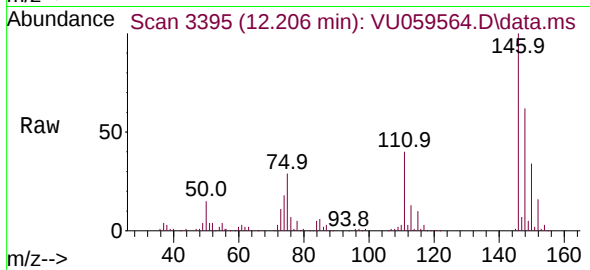




#67
1,2-Dichlorobenzene
Concen: 4.823 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

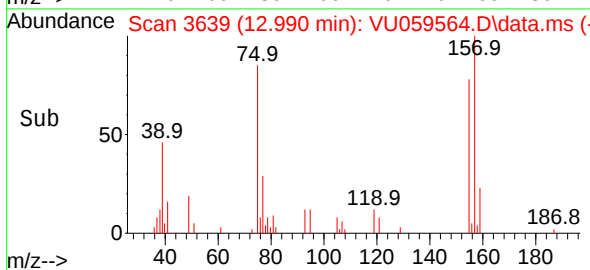
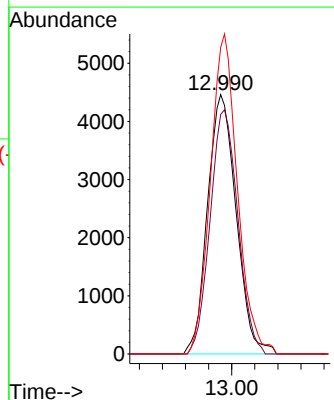
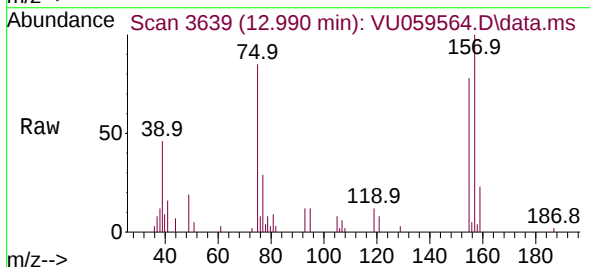
Instrument :
MSVOA_U
ClientSampleId :

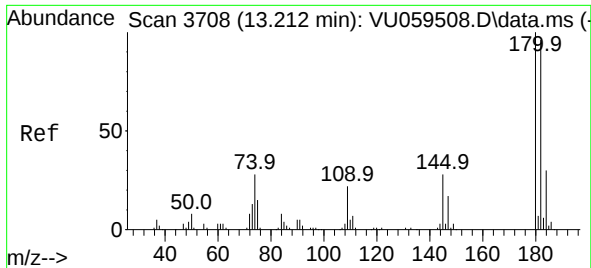
Tgt Ion:146 Resp: 127284
Ion Ratio Lower Upper
146 100
111 40.3 33.4 50.0
148 62.2 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.765 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion: 75 Resp: 7666
Ion Ratio Lower Upper
75 100
155 92.4 58.2 87.2#
157 118.3 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.843 ug/L

RT: 13.216 min Scan# 3708

Delta R.T. 0.003 min

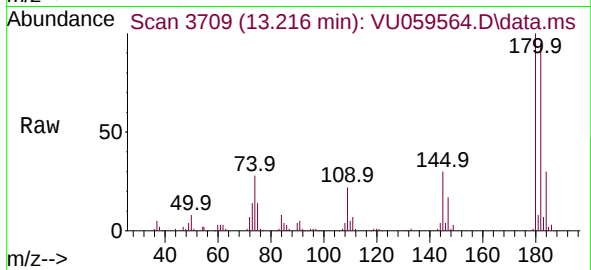
Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 100549

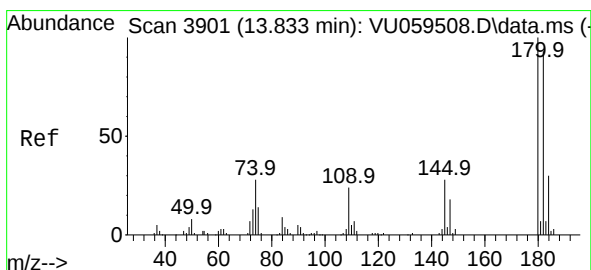
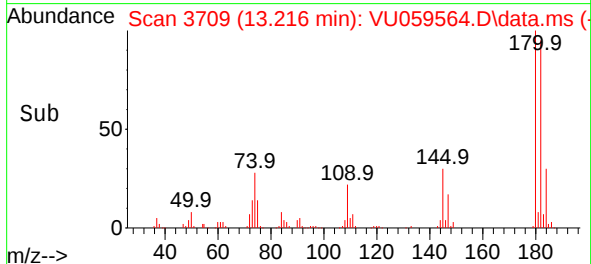
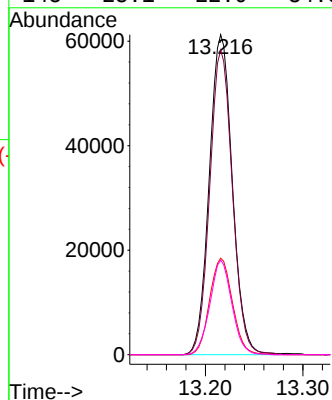
Ion Ratio Lower Upper

180 100

182 93.5 75.4 113.0

184 29.8 23.0 34.6

145 28.1 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.708 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU059564.D

Acq: 27 Jun 2024 15:35

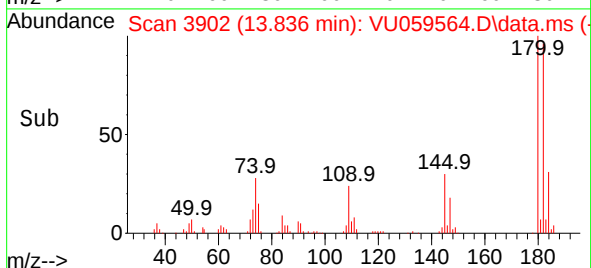
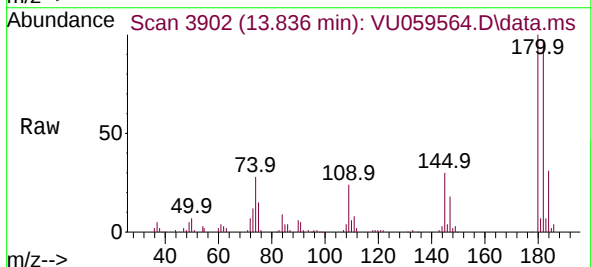
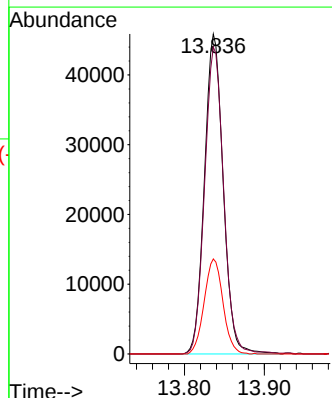
Tgt Ion:180 Resp: 74982

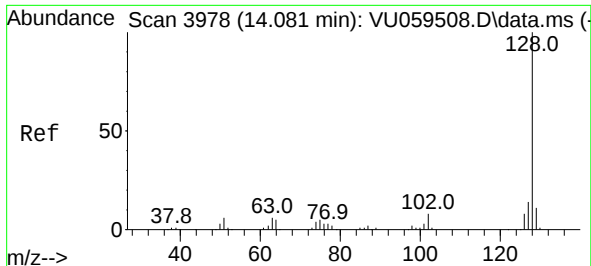
Ion Ratio Lower Upper

180 100

182 96.8 74.9 112.3

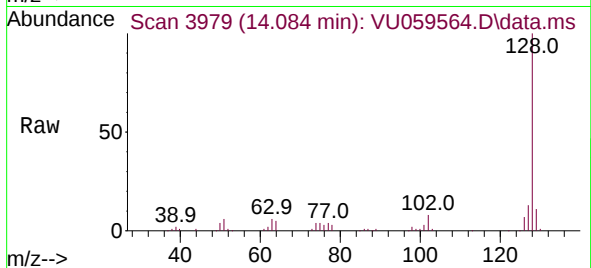
145 29.7 23.9 35.9



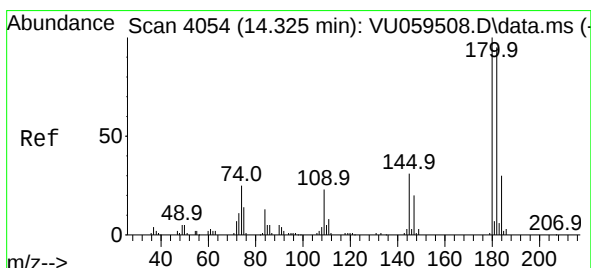
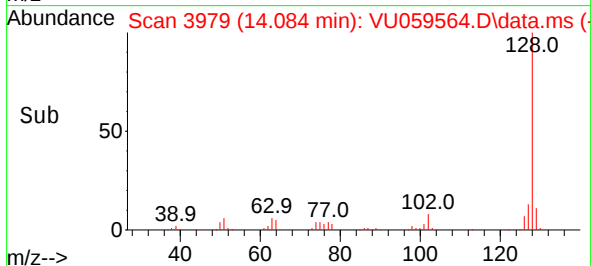
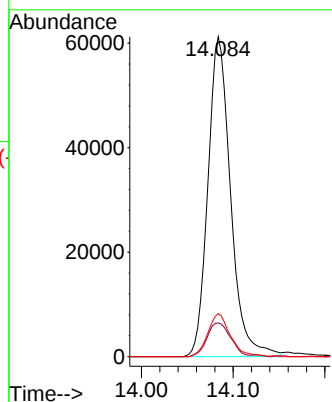


#71
Naphthalene
Concen: 4.629 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 105501
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.4
127 13.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.746 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU059564.D
Acq: 27 Jun 2024 15:35

Tgt Ion:180 Resp: 70175
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.6
145 31.1 26.2 39.4

