

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082924\
 Data File : VU060563.D
 Acq On : 29 Aug 2024 11:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 23:07:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 05:46:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	171272	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	172989	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88178	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54179	7.162	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 143.200%#	
7) Chloroethane-d5	1.911	69	52172	4.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 91.000%	
11) 1,1-Dichloroethene-d2	2.560	65	26028	5.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 116.800%	
20) 2-Butanone-d5	4.640	46	118069	45.388	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 90.780%	
24) Chloroform-d	5.055	84	122457	5.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 113.600%	
26) 1,2-Dichloroethane-d4	5.695	65	57874	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.800%	
32) Benzene-d6	5.721	84	239229	6.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 126.400%#	
36) 1,2-Dichloropropane-d6	6.685	67	74079	6.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 121.400%	
41) Toluene-d8	7.891	98	223650	6.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 126.000%	
43) trans-1,3-Dichloroprop...	8.174	79	25335	5.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 116.000%	
46) 2-Hexanone-d5	8.631	63	97482	46.618	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 93.240%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59399	5.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 109.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	76976	5.920	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 118.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	91933	4.730	ug/L	99
3) Chloromethane	1.515	50	85696	5.089	ug/L	99
5) Vinyl chloride	1.599	62	88361	5.329	ug/L	99
6) Bromomethane	1.853	94	59445	3.562	ug/L	96
8) Chloroethane	1.930	64	50275	3.323	ug/L	99
9) Trichlorofluoromethane	2.132	101	130577	3.622	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	73518	4.820	ug/L	97
12) 1,1-Dichloroethene	2.573	96	66438	4.733	ug/L	97
13) Acetone	2.663	43	77893	35.784	ug/L	88
14) Carbon disulfide	2.785	76	204784	4.496	ug/L	99
15) Methyl Acetate	2.962	43	21905	4.921	ug/L	98
16) Methylene chloride	3.039	84	73479	5.389	ug/L	82
17) Methyl tert-butyl Ether	3.358	73	136292	4.784	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	64113	5.246	ug/L	96
19) 1,1-Dichloroethane	3.862	63	123416	4.984	ug/L	96
21) 2-Butanone	4.718	43	140989	47.363	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	69541	5.107	ug/L	92
23) Bromochloromethane	4.968	128	35289	5.702	ug/L	88
25) Chloroform	5.081	83	130288	4.971	ug/L	96

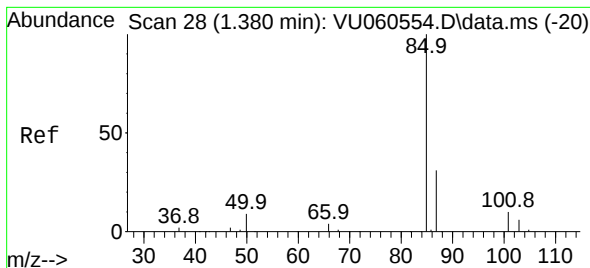
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082924\
 Data File : VU060563.D
 Acq On : 29 Aug 2024 11:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 23:07:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 05:46:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	74501	4.235	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	114463	4.831	ug/L	96
30) Cyclohexane	5.383	56	91826	4.681	ug/L	96
31) Carbon tetrachloride	5.518	117	105745	4.829	ug/L	99
33) Benzene	5.766	78	278985	5.085	ug/L	100
34) Trichloroethene	6.537	95	72192	4.854	ug/L	97
35) Methylcyclohexane	6.756	83	104582	5.125	ug/L	95
37) 1,2-Dichloropropane	6.785	63	72653	5.168	ug/L #	96
38) Bromodichloromethane	7.100	83	92278	4.995	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	98797	4.793	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	338252	46.198	ug/L	94
42) Toluene	7.965	91	304730	5.256	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	83609	4.941	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	53814	5.284	ug/L	96
47) Tetrachloroethene	8.550	164	63038	5.171	ug/L	94
48) 2-Hexanone	8.682	43	252120	46.011	ug/L	94
49) Dibromochloromethane	8.804	129	63447	5.381	ug/L	96
50) 1,2-Dibromoethane	8.920	107	49402	5.284	ug/L	98
51) Chlorobenzene	9.441	112	190909	5.086	ug/L	98
52) Ethylbenzene	9.566	91	301539	4.908	ug/L	99
53) m,p-Xylene	9.688	106	120024	5.254	ug/L	97
54) o-Xylene	10.097	106	116568	4.985	ug/L	94
55) Styrene	10.110	104	200061	5.221	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	62953	4.841	ug/L	93
59) Bromoform	10.283	173	38576	5.323	ug/L	98
60) Isopropylbenzene	10.479	105	302012	5.127	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	45082	5.300	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	232369	5.292	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	232609	5.193	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	151006	5.238	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	152420	5.210	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	141455	5.230	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9086	4.732	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	109621	4.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	80588	4.493	ug/L	99
71) Naphthalene	14.084	128	104046	4.541	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	71829	4.785	ug/L	98

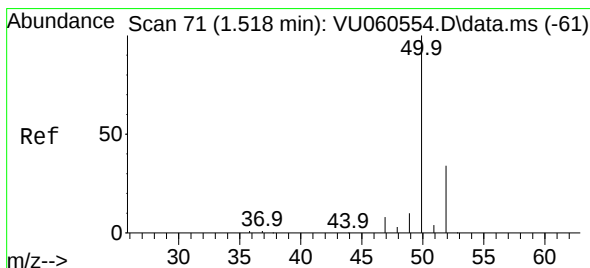
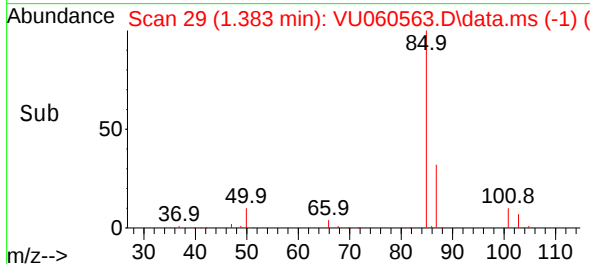
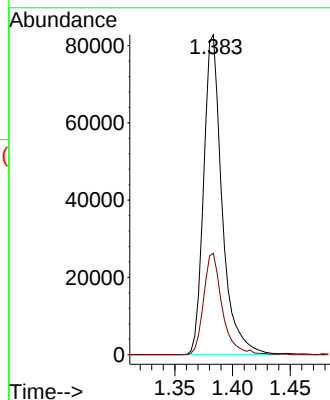
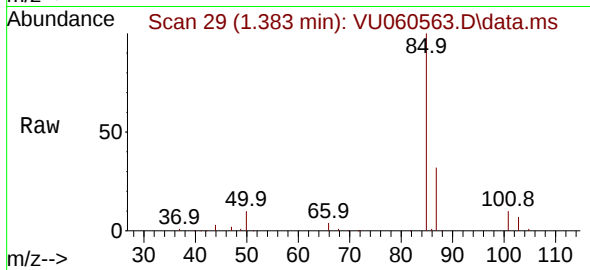
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.730 ug/L
RT: 1.383 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

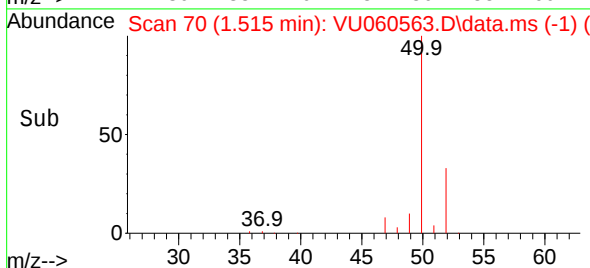
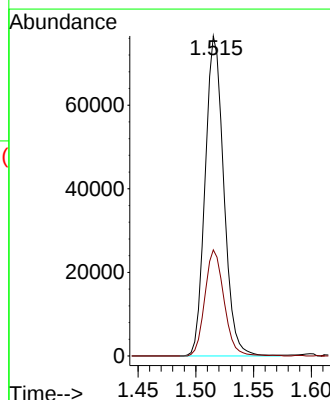
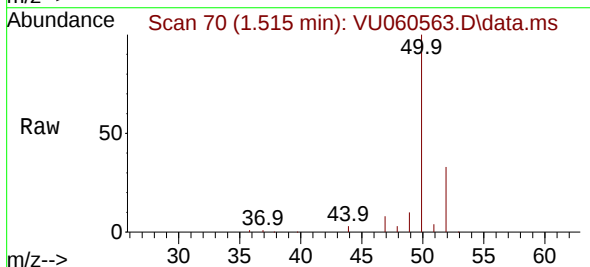
Instrument :
MSVOA_U
ClientSampleId :

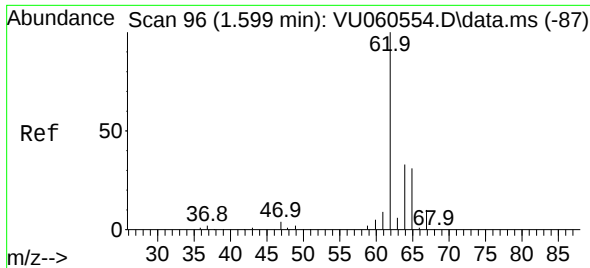
Tgt Ion: 85 Resp: 91933
Ion Ratio Lower Upper
85 100
87 32.0 26.2 39.4



#3
Chloromethane
Concen: 5.089 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion: 50 Resp: 85696
Ion Ratio Lower Upper
50 100
52 33.2 22.7 42.1

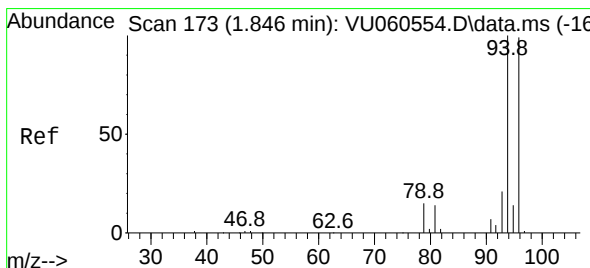
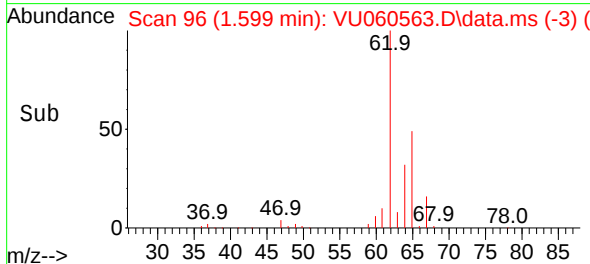
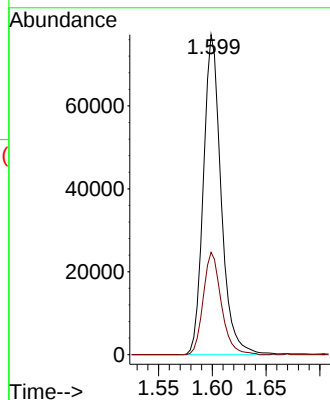
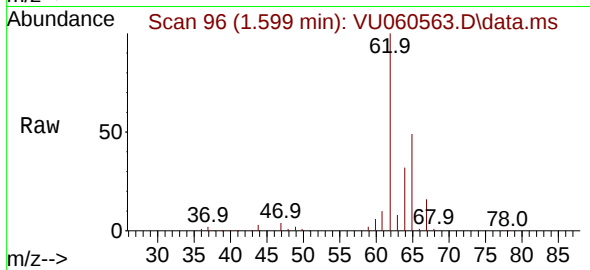




#5
 Vinyl chloride
 Concen: 5.329 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU060563.D
 Acq: 29 Aug 2024 11:38

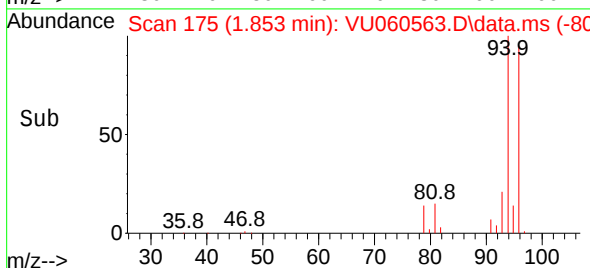
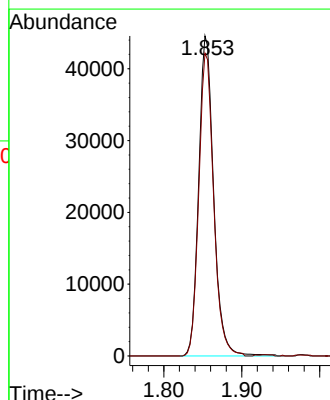
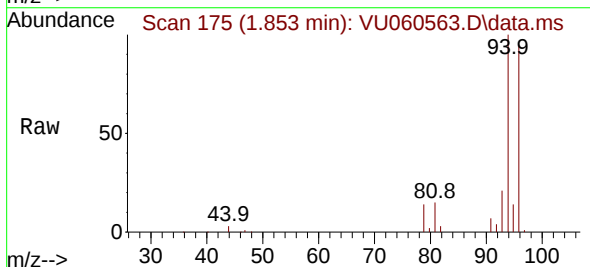
Instrument :
 MSVOA_U
 ClientSampleId :

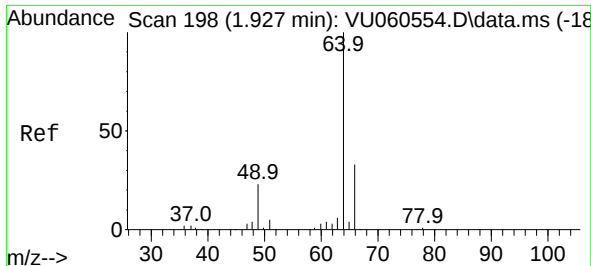
Tgt Ion: 62 Resp: 88361
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.0 40.8



#6
 Bromomethane
 Concen: 3.562 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.007 min
 Lab File: VU060563.D
 Acq: 29 Aug 2024 11:38

Tgt Ion: 94 Resp: 59445
 Ion Ratio Lower Upper
 94 100
 96 94.6 63.3 117.5

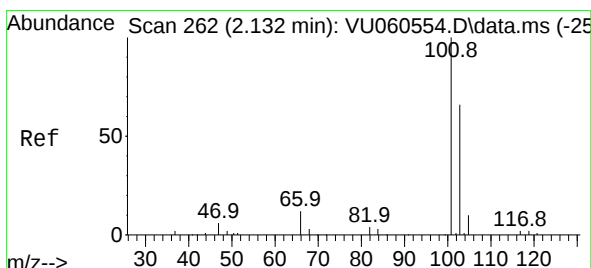
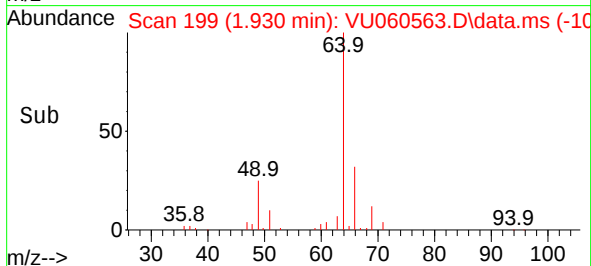
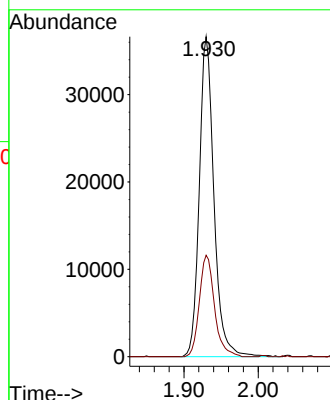
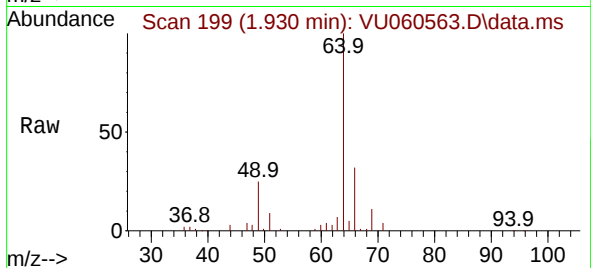




#8
Chloroethane
Concen: 3.323 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

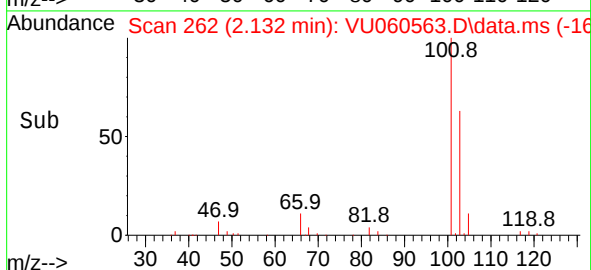
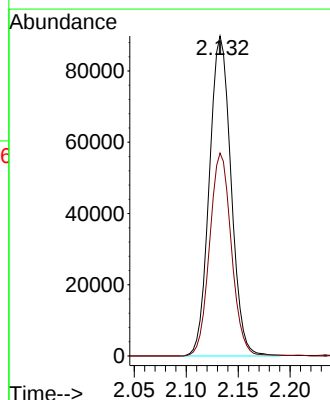
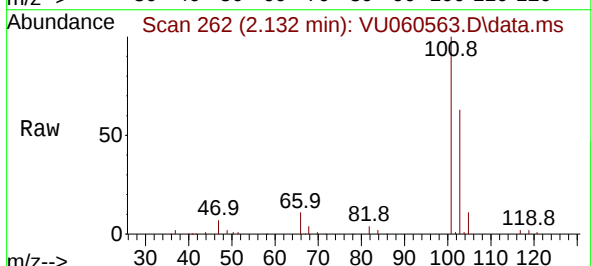
Instrument :
MSVOA_U
ClientSampleId :

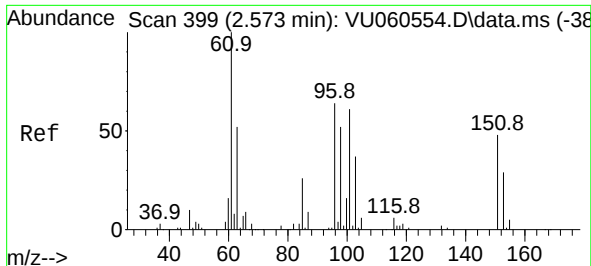
Tgt Ion: 64 Resp: 50275
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.622 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion:101 Resp: 130577
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

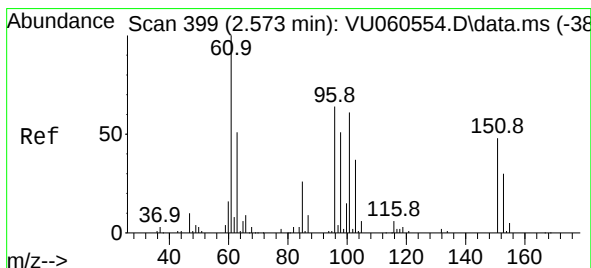
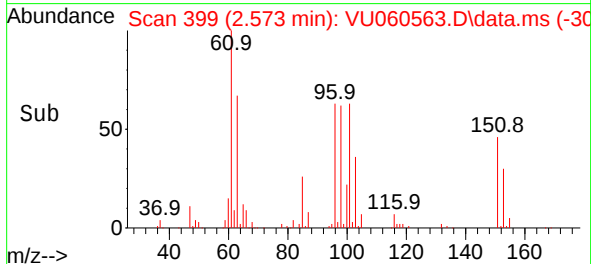
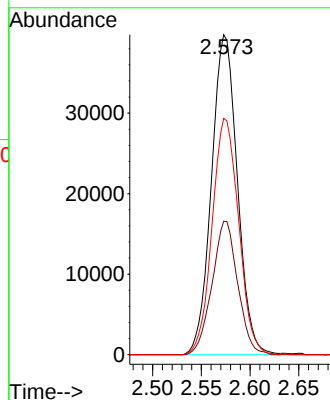
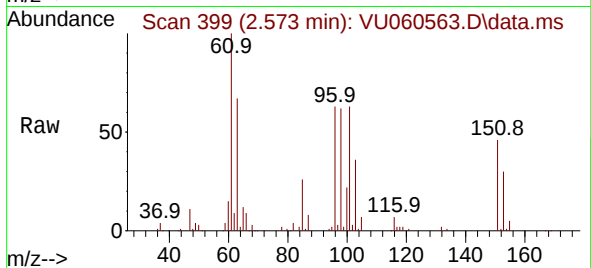




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.820 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060563.D
 Acq: 29 Aug 2024 11:38

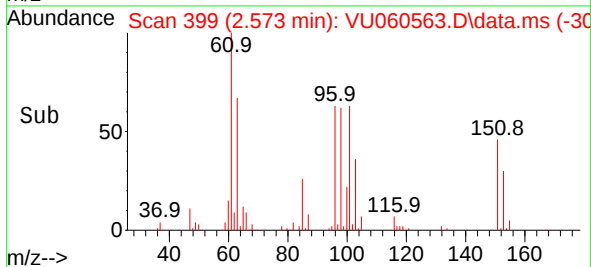
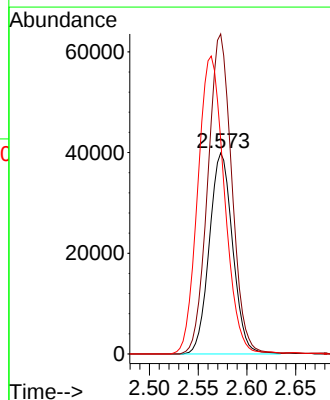
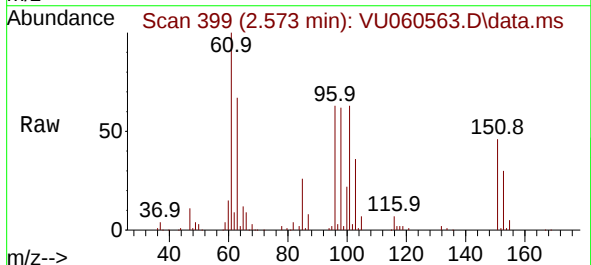
Instrument :
 MSVOA_U
 ClientSampleId :

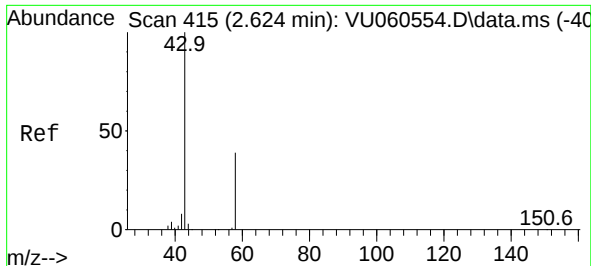
Tgt Ion:101 Resp: 73518
 Ion Ratio Lower Upper
 101 100
 85 41.2 35.8 53.6
 151 75.5 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.733 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060563.D
 Acq: 29 Aug 2024 11:38

Tgt Ion: 96 Resp: 66438
 Ion Ratio Lower Upper
 96 100
 61 159.2 116.4 216.2
 63 106.7 74.8 139.0





#13

Acetone

Concen: 35.784 ug/L

RT: 2.663 min Scan# 415

Delta R.T. 0.039 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

Instrument :

MSVOA_U

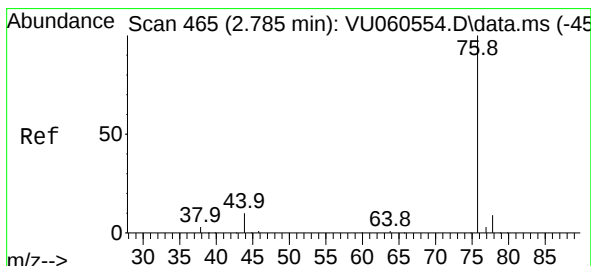
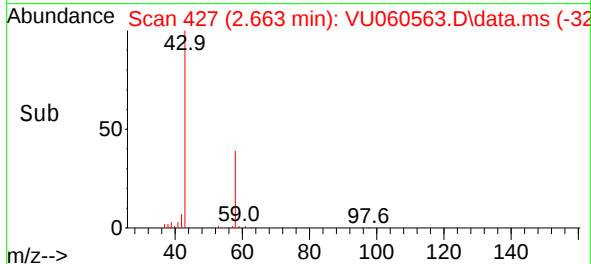
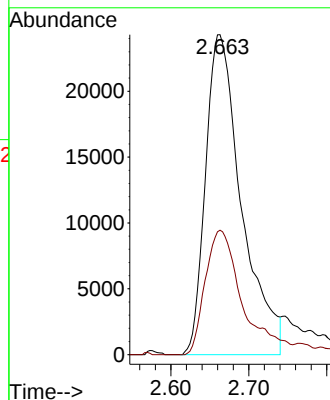
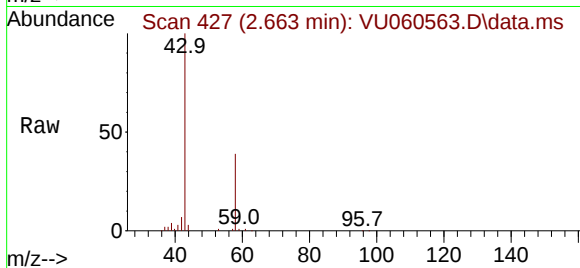
ClientSampleId :

Tgt Ion: 43 Resp: 77893

Ion Ratio Lower Upper

43 100

58 40.3 0.0 66.8



#14

Carbon disulfide

Concen: 4.496 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU060563.D

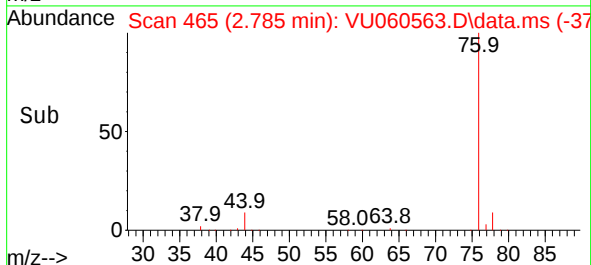
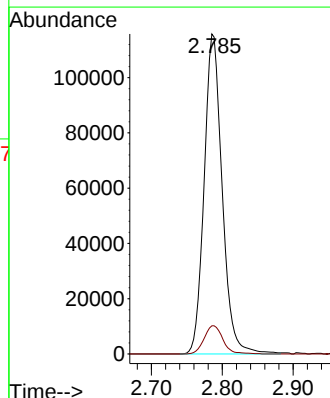
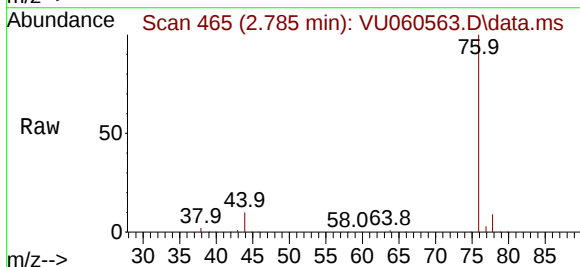
Acq: 29 Aug 2024 11:38

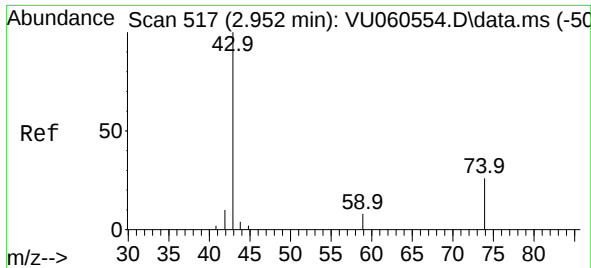
Tgt Ion: 76 Resp: 204784

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2





#15

Methyl Acetate

Concen: 4.921 ug/L

RT: 2.962 min Scan# 51

Delta R.T. 0.010 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

Instrument :

MSVOA_U

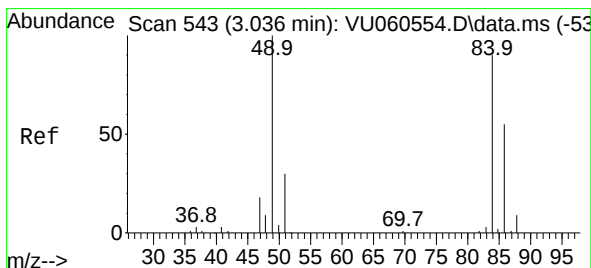
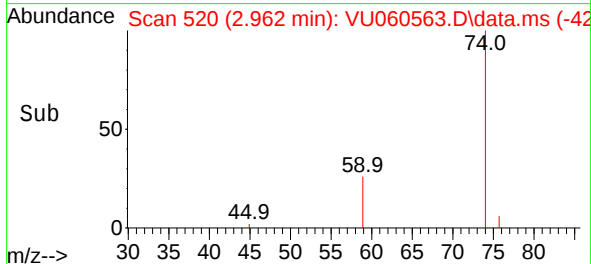
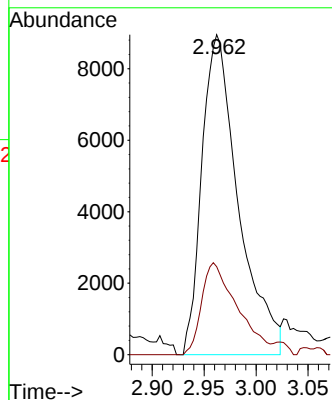
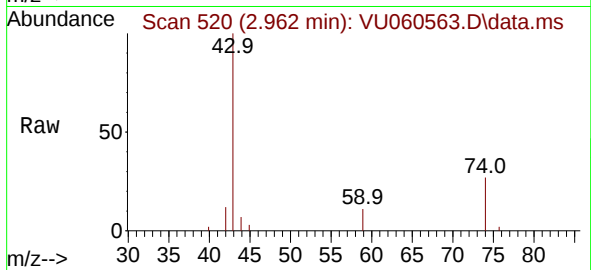
ClientSampleId :

Tgt Ion: 43 Resp: 21905

Ion Ratio Lower Upper

43 100

74 27.9 21.4 32.2



#16

Methylene chloride

Concen: 5.389 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

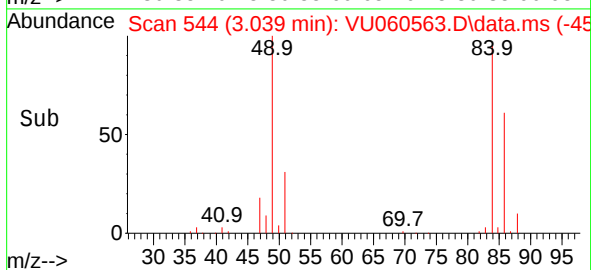
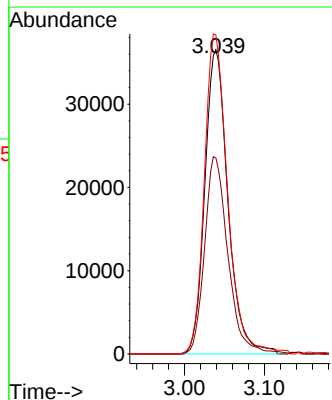
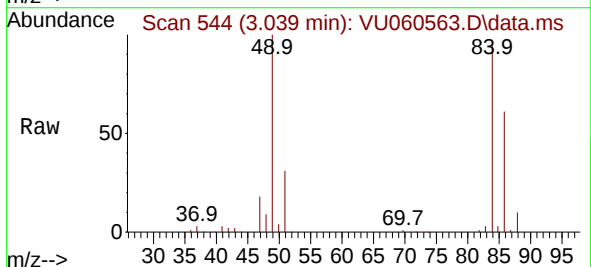
Tgt Ion: 84 Resp: 73479

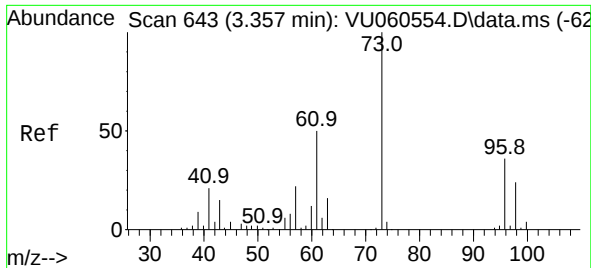
Ion Ratio Lower Upper

84 100

86 64.4 47.5 88.3

49 104.8 94.4 175.2

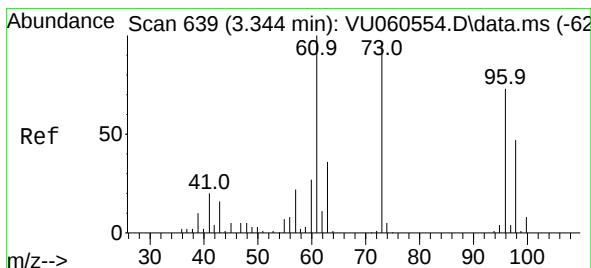
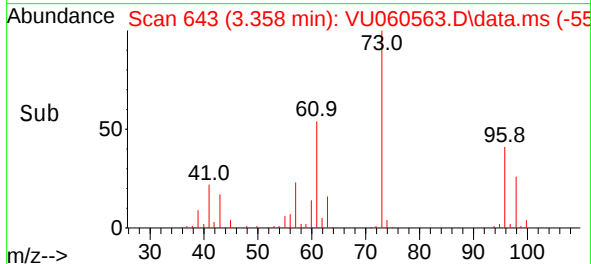
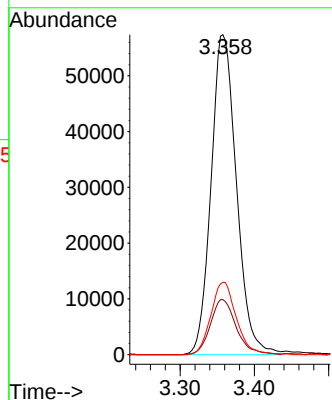
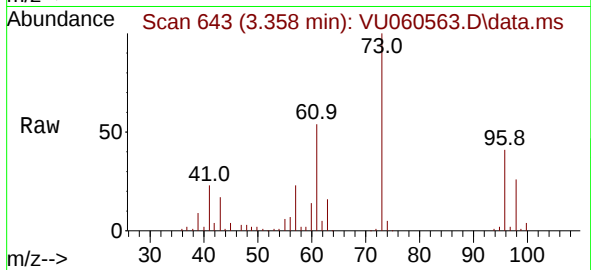




#17
Methyl tert-butyl Ether
Concen: 4.784 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

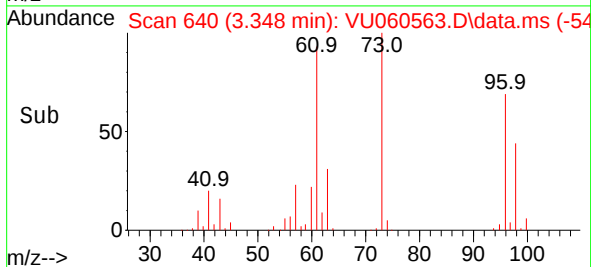
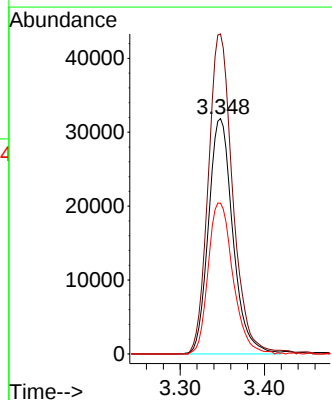
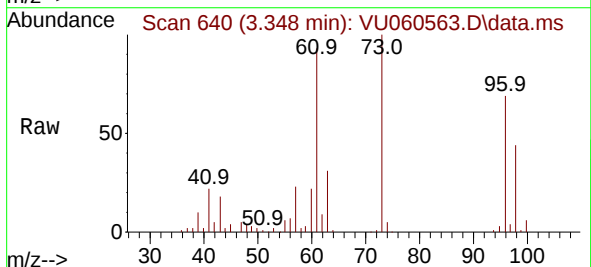
Instrument :
MSVOA_U
ClientSampleId :

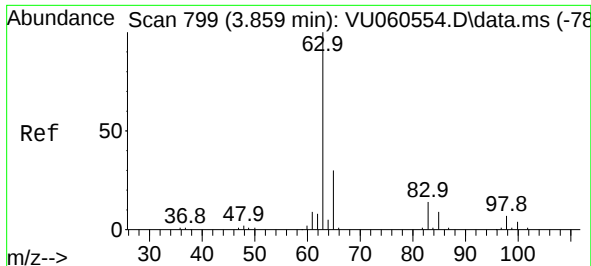
Tgt Ion: 73 Resp: 136292
Ion Ratio Lower Upper
73 100
43 17.6 15.8 23.6
57 22.7 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.246 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion: 96 Resp: 64113
Ion Ratio Lower Upper
96 100
61 136.0 99.2 184.2
98 64.0 44.0 81.8

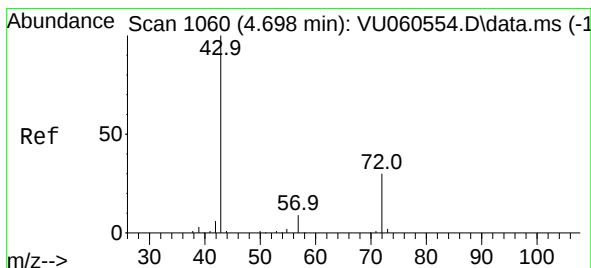
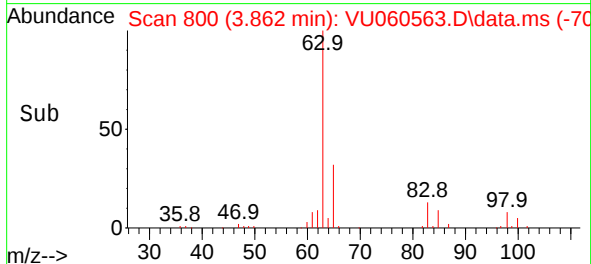
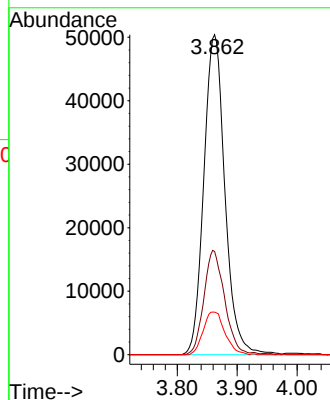
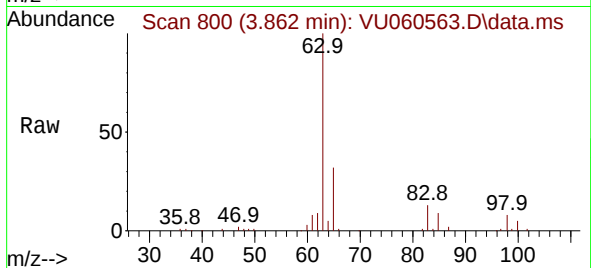




#19
1,1-Dichloroethane
Concen: 4.984 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

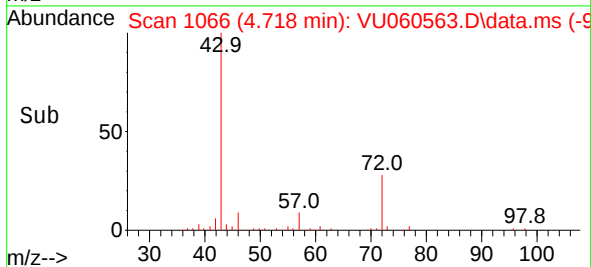
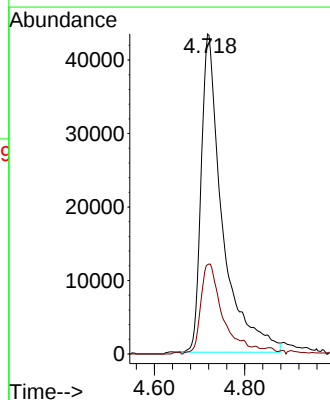
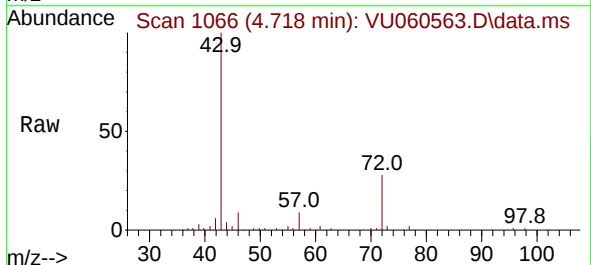
Instrument :
MSVOA_U
ClientSampleId :

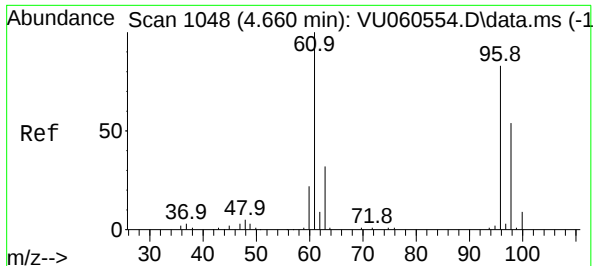
Tgt Ion: 63 Resp: 123416
Ion Ratio Lower Upper
63 100
65 32.2 20.5 38.1
83 13.3 9.2 17.2



#21
2-Butanone
Concen: 47.363 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.019 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion: 43 Resp: 140989
Ion Ratio Lower Upper
43 100
72 28.7 14.0 42.0

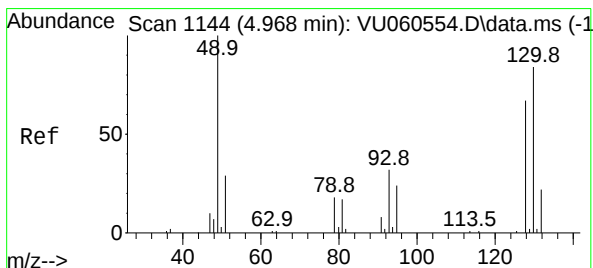
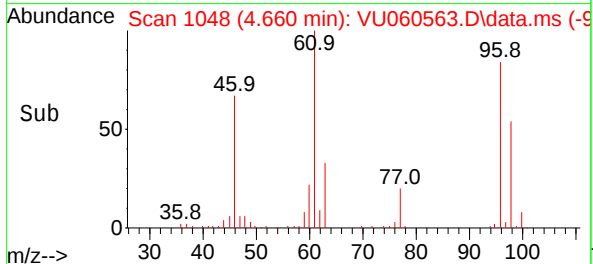
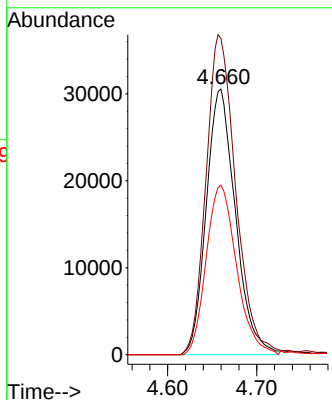
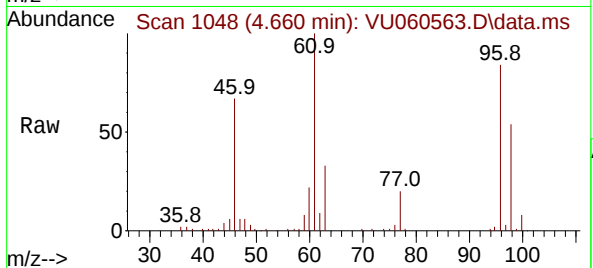




#22
 cis-1,2-Dichloroethene
 Concen: 5.107 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060563.D
 Acq: 29 Aug 2024 11:38

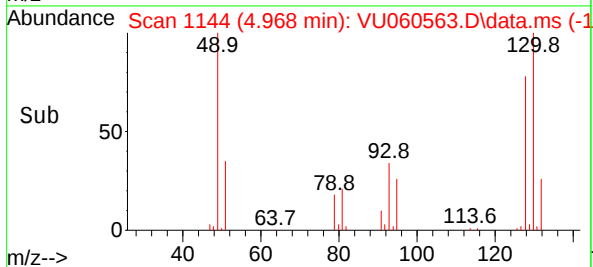
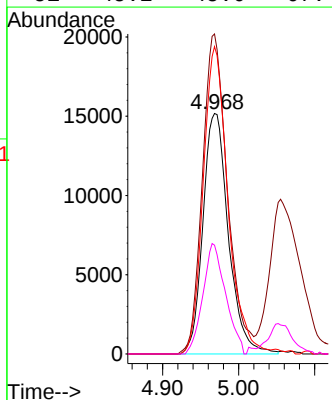
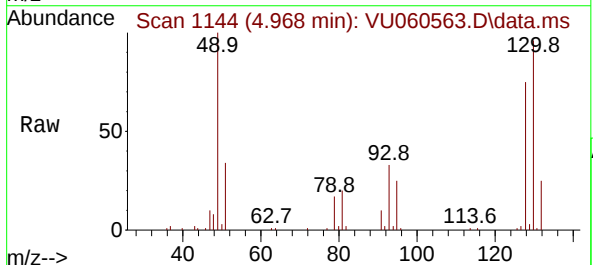
Instrument :
 MSVOA_U
 ClientSampleId :

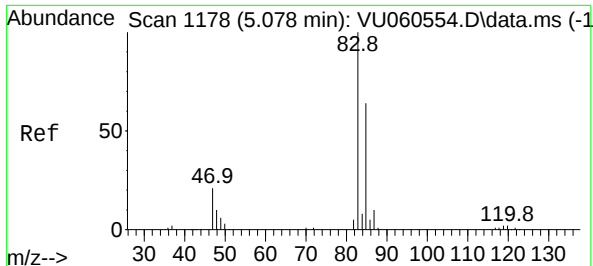
Tgt Ion: 96 Resp: 69541
 Ion Ratio Lower Upper
 96 100
 61 119.0 92.9 172.5
 98 63.8 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.702 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060563.D
 Acq: 29 Aug 2024 11:38

Tgt Ion: 128 Resp: 35289
 Ion Ratio Lower Upper
 128 100
 49 133.0 108.1 200.7
 130 127.8 93.1 172.9
 51 45.2 45.0 67.4





#25

Chloroform

Concen: 4.971 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

Instrument :

MSVOA_U

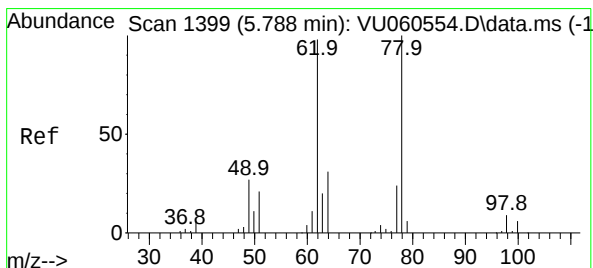
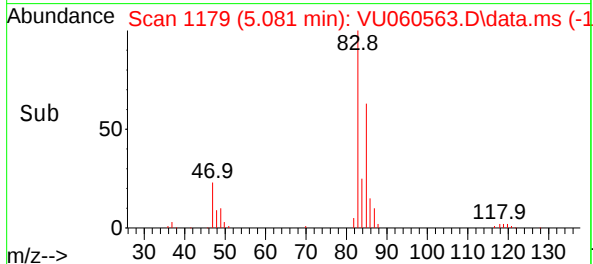
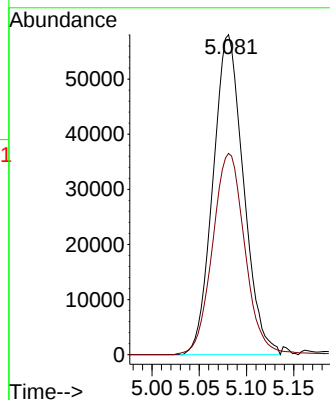
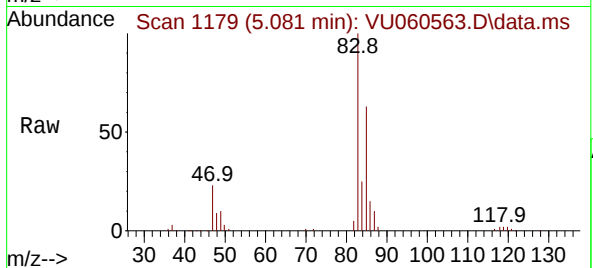
ClientSampleId :

Tgt Ion: 83 Resp: 130288

Ion Ratio Lower Upper

83 100

85 62.9 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.235 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060563.D

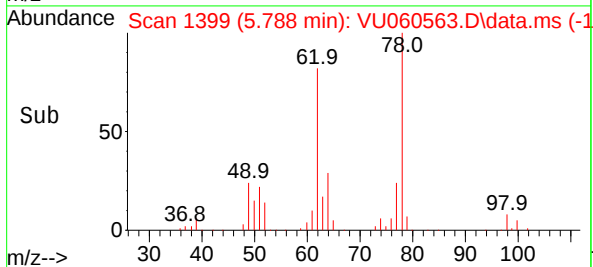
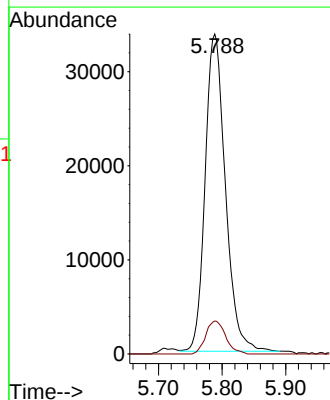
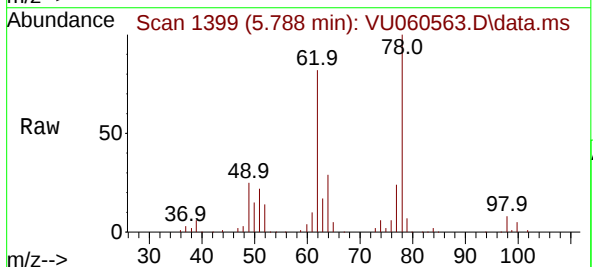
Acq: 29 Aug 2024 11:38

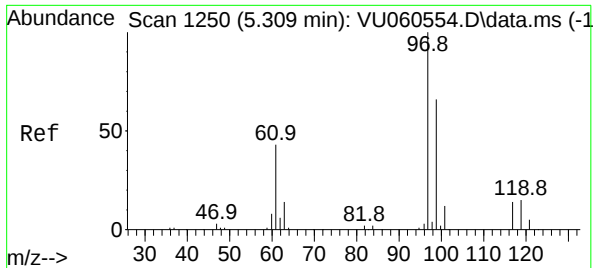
Tgt Ion: 62 Resp: 74501

Ion Ratio Lower Upper

62 100

98 10.3 7.0 10.4

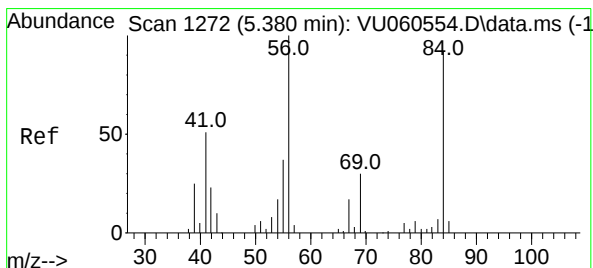
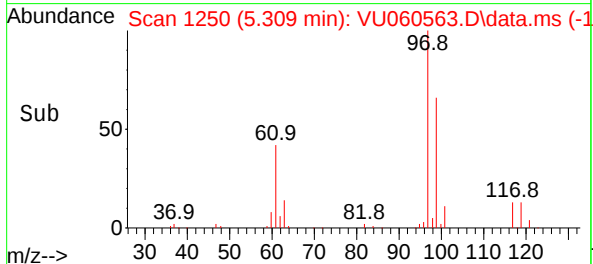
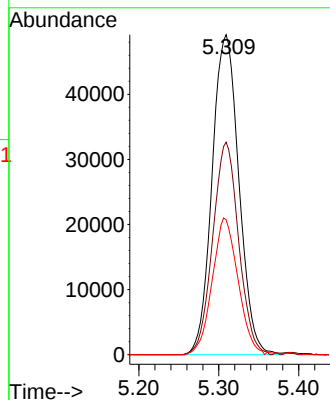
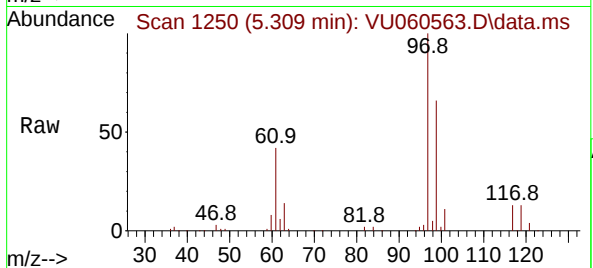




#29
1,1,1-Trichloroethane
Concen: 4.831 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

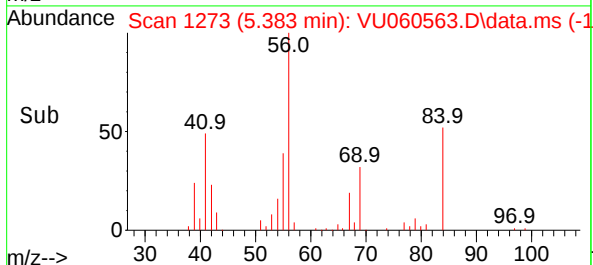
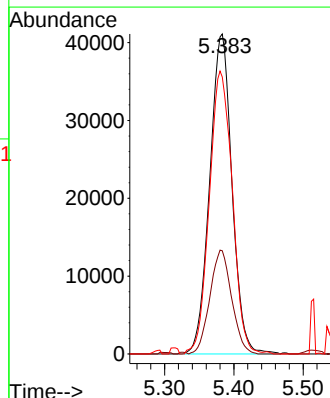
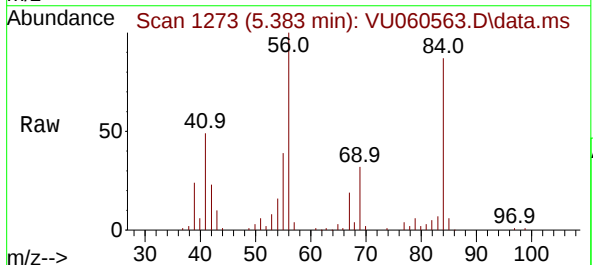
Instrument :
MSVOA_U
ClientSampleId :

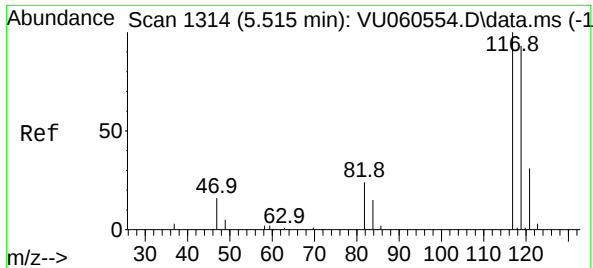
Tgt Ion: 97 Resp: 114463
Ion Ratio Lower Upper
97 100
99 64.3 49.7 74.5
61 41.1 35.4 53.2



#30
Cyclohexane
Concen: 4.681 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion: 56 Resp: 91826
Ion Ratio Lower Upper
56 100
69 31.7 24.2 36.2
84 91.1 69.7 104.5

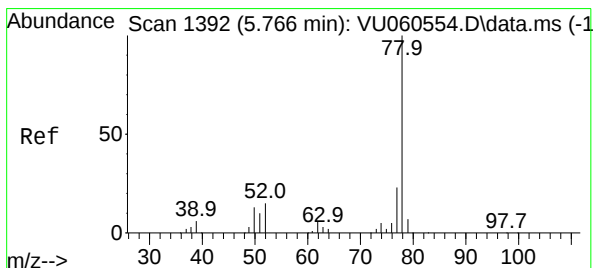
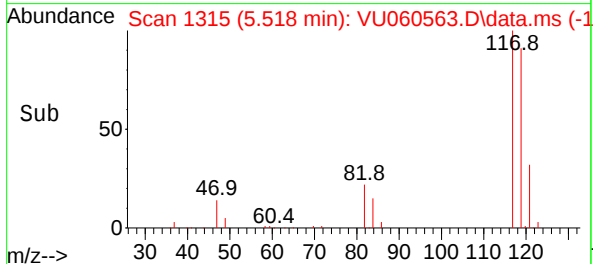
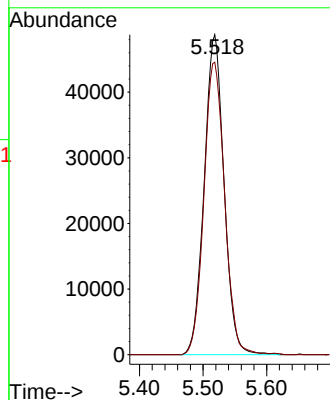
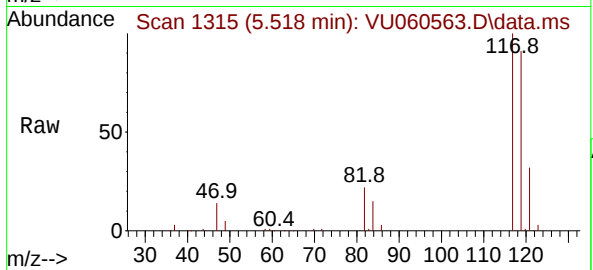




#31
Carbon tetrachloride
Concen: 4.829 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

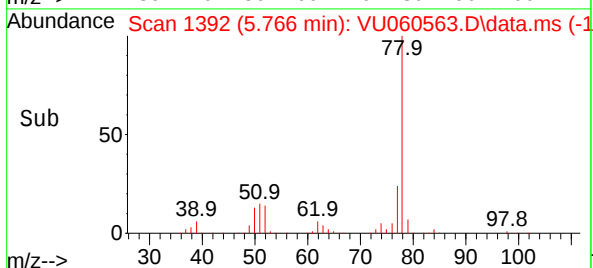
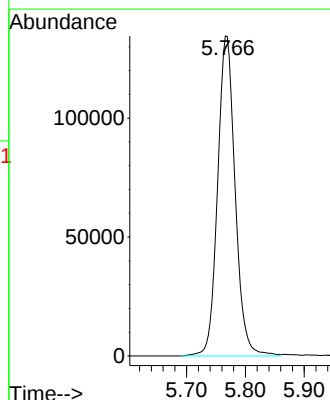
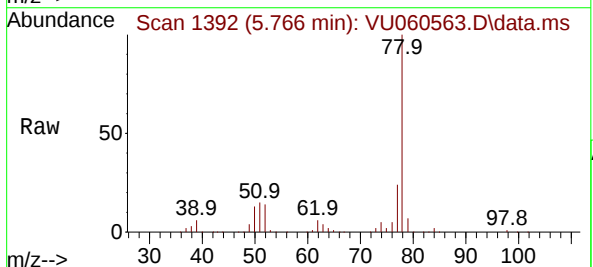
Instrument :
MSVOA_U
ClientSampleId :

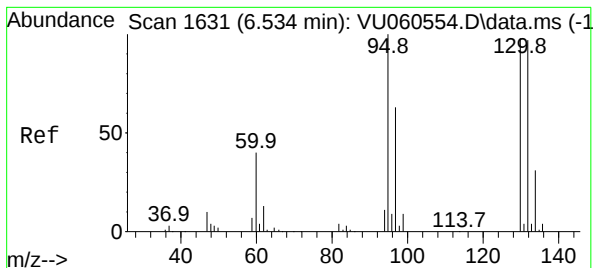
Tgt Ion:117 Resp: 105745
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6



#33
Benzene
Concen: 5.085 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion: 78 Resp: 278985





#34

Trichloroethene

Concen: 4.854 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 72192

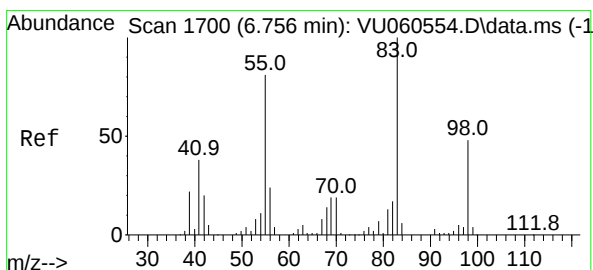
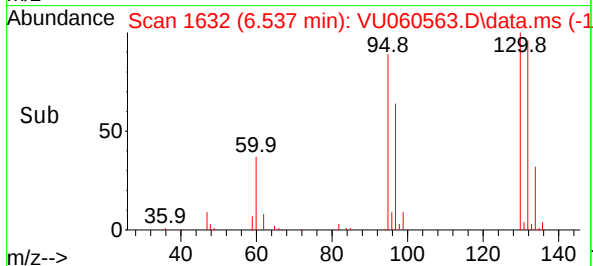
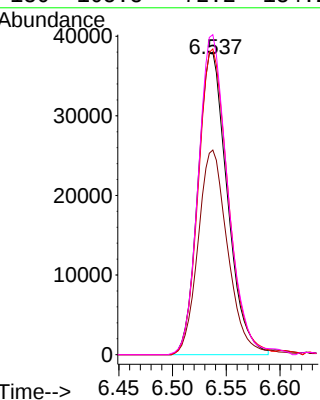
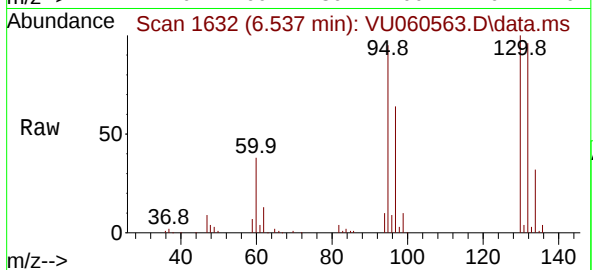
Ion Ratio Lower Upper

95 100

97 67.7 45.8 85.2

132 101.1 67.4 125.2

130 105.8 72.2 134.2



#35

Methylcyclohexane

Concen: 5.125 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

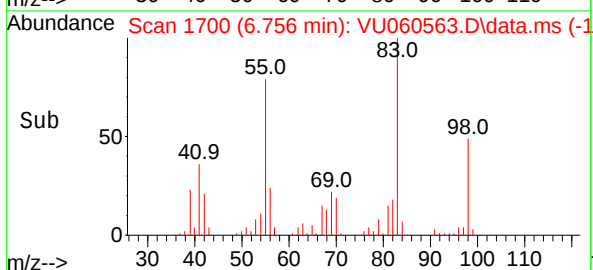
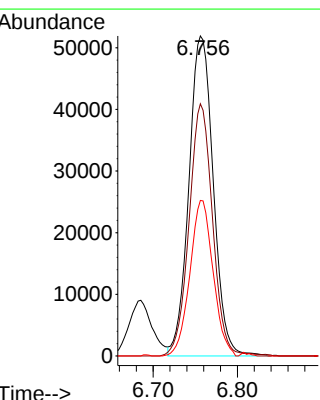
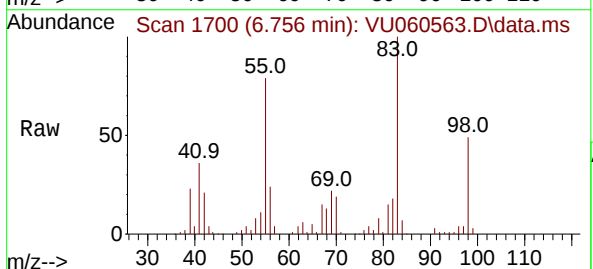
Tgt Ion: 83 Resp: 104582

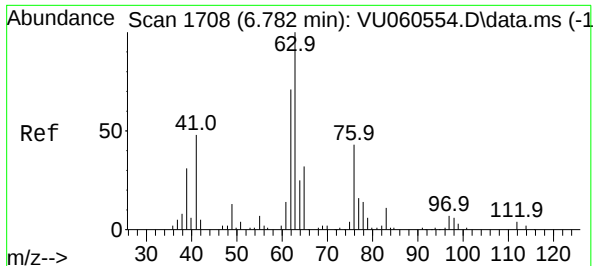
Ion Ratio Lower Upper

83 100

55 76.0 65.8 98.8

98 46.2 37.8 56.8

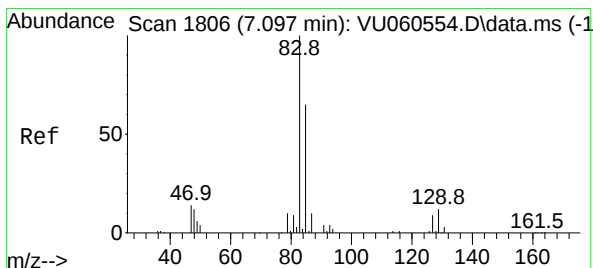
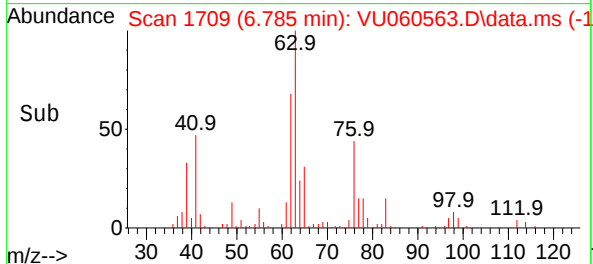
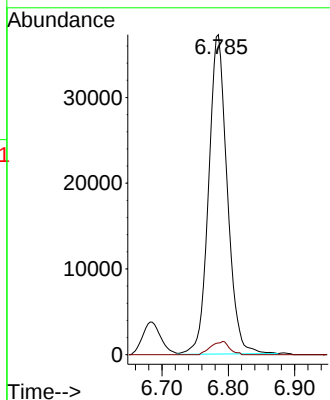
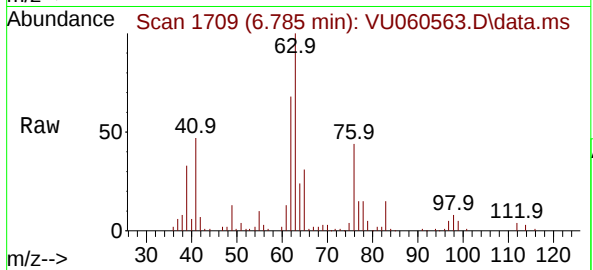




#37
1,2-Dichloropropane
Concen: 5.168 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

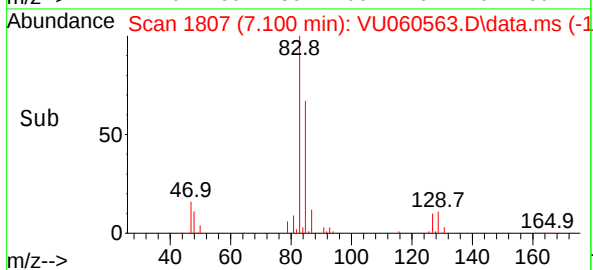
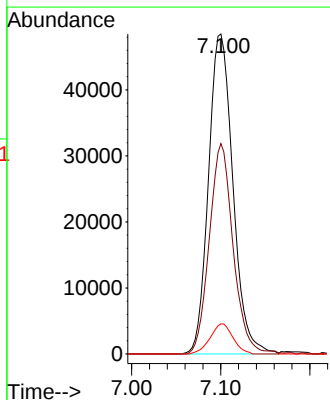
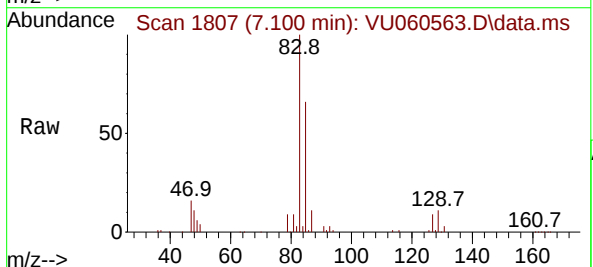
Instrument :
MSVOA_U
ClientSampleId :

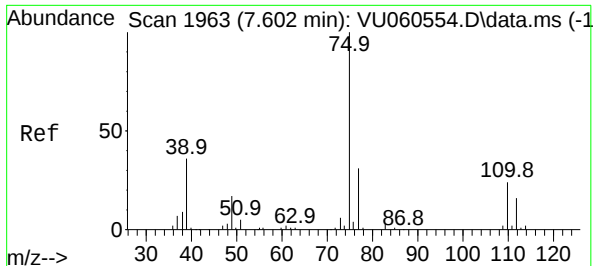
Tgt Ion: 63 Resp: 72653
Ion Ratio Lower Upper
63 100
112 4.1 2.3 3.5#



#38
Bromodichloromethane
Concen: 4.995 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion: 83 Resp: 92278
Ion Ratio Lower Upper
83 100
85 65.8 44.9 83.5
127 9.4 7.3 10.9

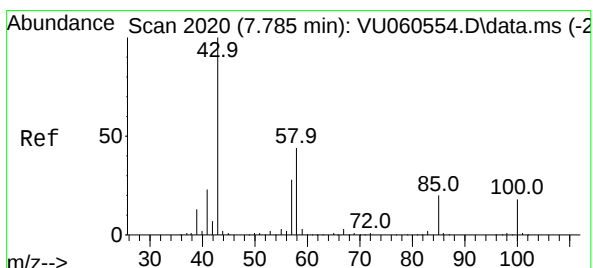
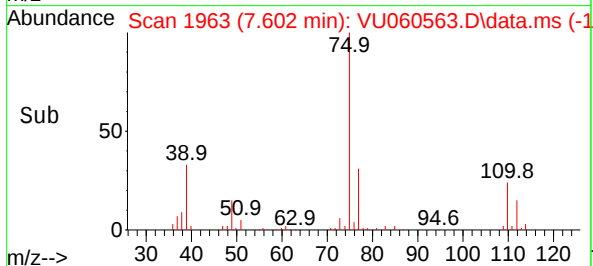
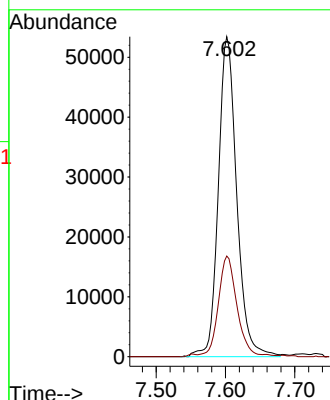
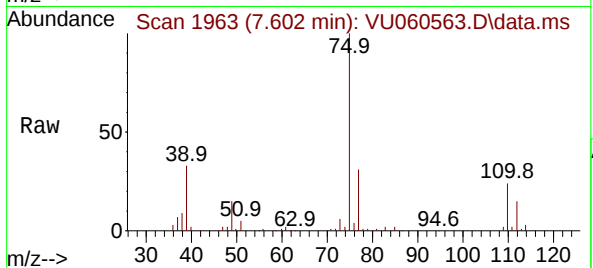




#39
 cis-1,3-Dichloropropene
 Concen: 4.793 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060563.D
 Acq: 29 Aug 2024 11:38

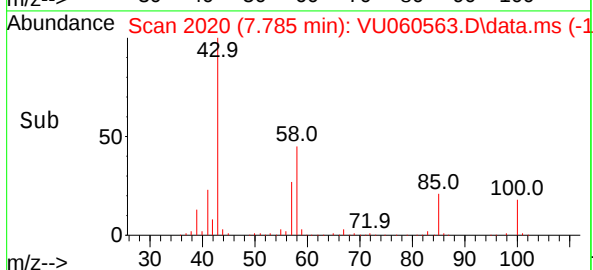
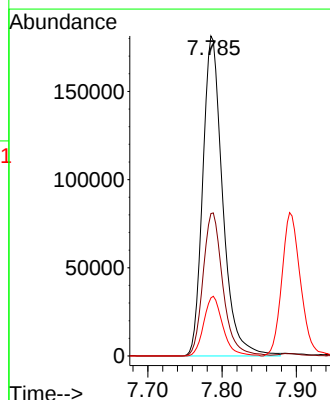
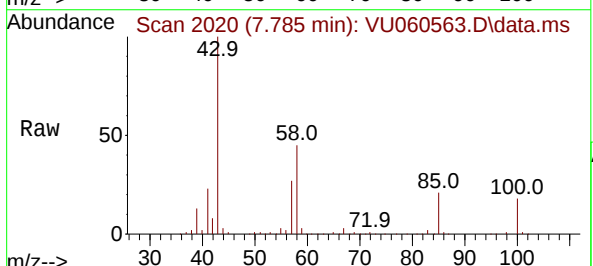
Instrument :
 MSVOA_U
 ClientSampleId :

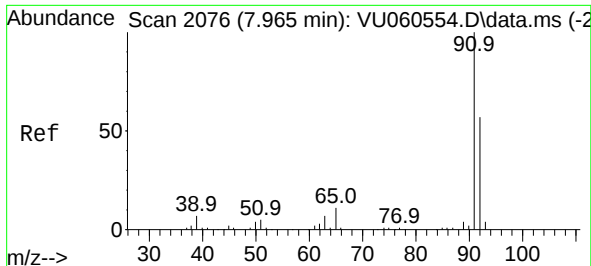
Tgt Ion: 75 Resp: 98797
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 46.198 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060563.D
 Acq: 29 Aug 2024 11:38

Tgt Ion: 43 Resp: 338252
 Ion Ratio Lower Upper
 43 100
 58 44.7 32.5 48.7
 100 17.8 12.5 18.7





#42

Toluene

Concen: 5.256 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

Instrument :

MSVOA_U

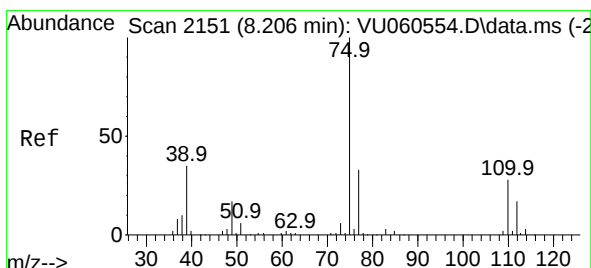
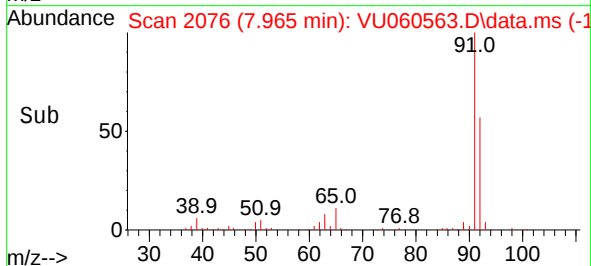
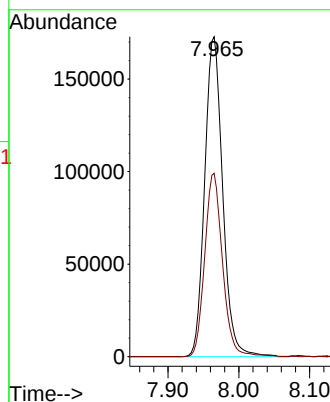
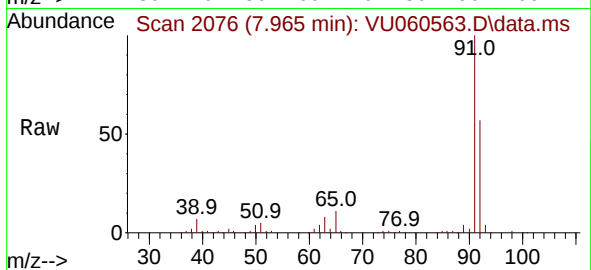
ClientSampleId :

Tgt Ion: 91 Resp: 304730

Ion Ratio Lower Upper

91 100

92 57.3 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 4.941 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060563.D

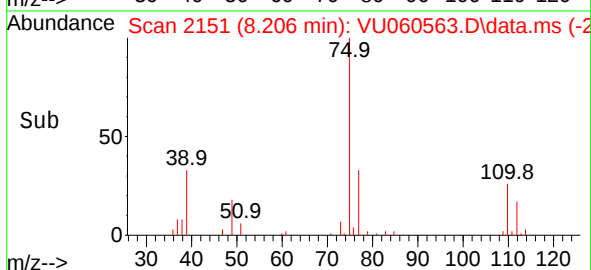
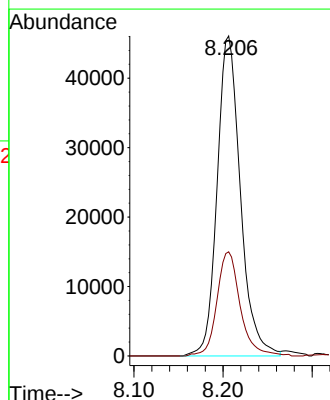
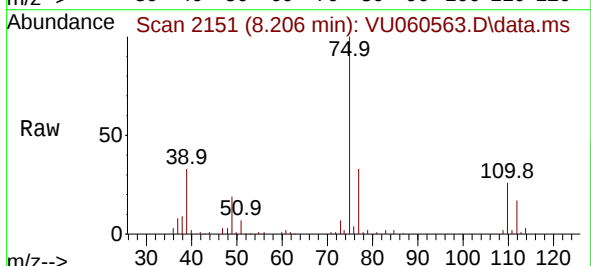
Acq: 29 Aug 2024 11:38

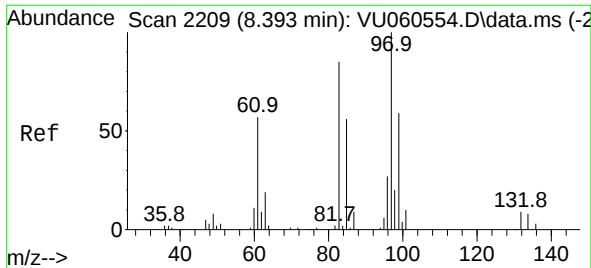
Tgt Ion: 75 Resp: 83609

Ion Ratio Lower Upper

75 100

77 32.5 23.4 43.6

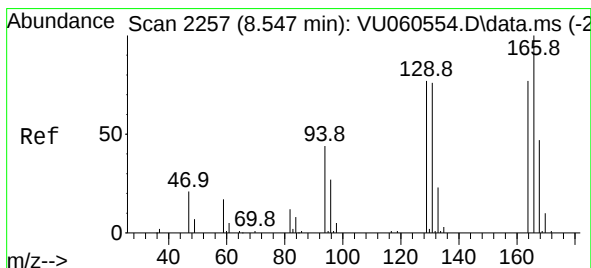
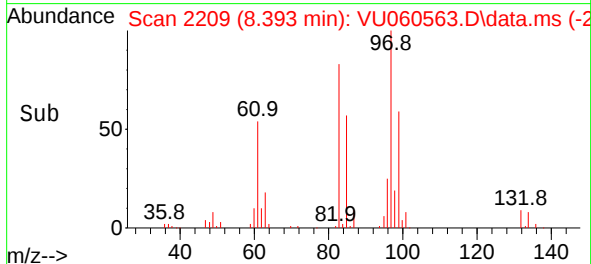
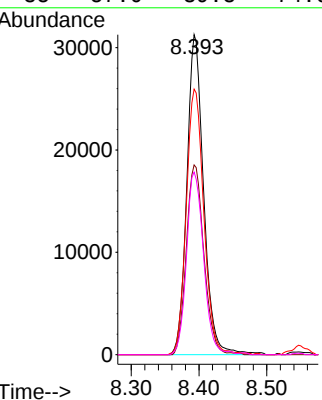
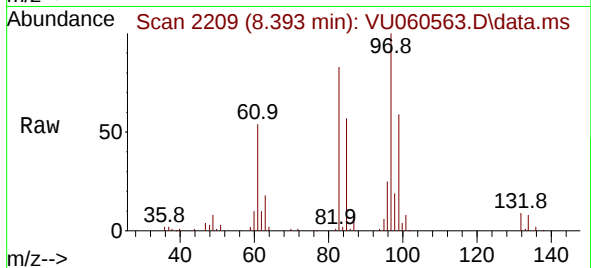




#45
1,1,2-Trichloroethane
Concen: 5.284 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

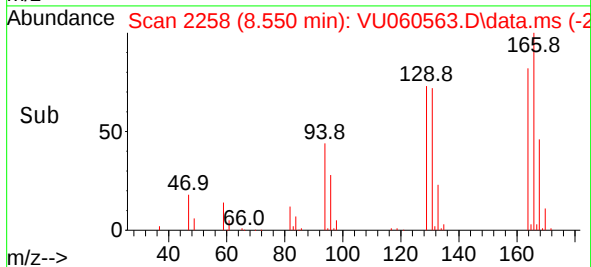
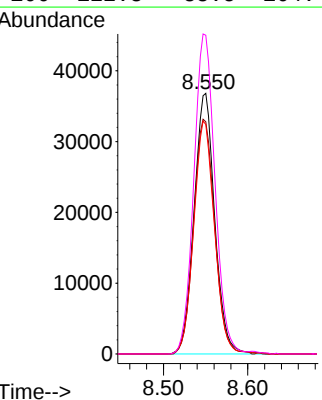
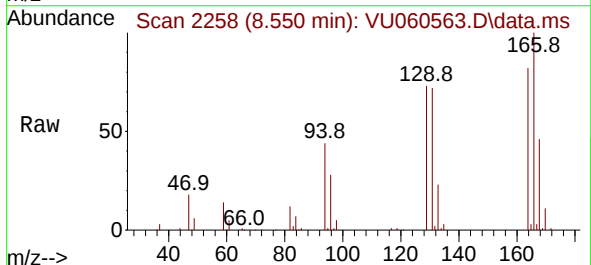
Instrument :
MSVOA_U
ClientSampleId :

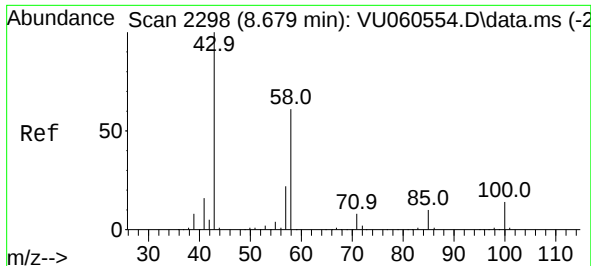
Tgt Ion:	97	Resp:	53814
Ion	Ratio	Lower	Upper
97	100		
99	59.3	42.4	78.8
83	83.0	64.0	119.0
85	57.0	39.8	74.0



#47
Tetrachloroethene
Concen: 5.171 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion:	164	Resp:	63038
Ion	Ratio	Lower	Upper
164	100		
129	89.1	67.8	125.8
131	88.0	67.2	124.8
166	122.3	88.5	164.4



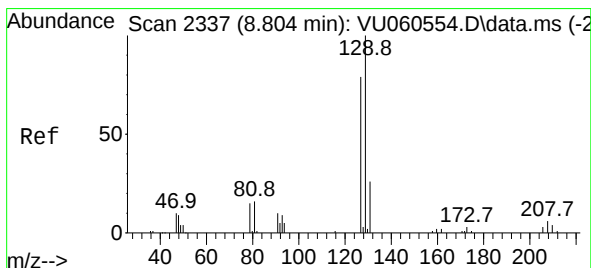
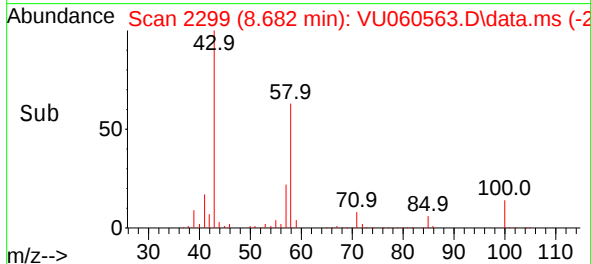
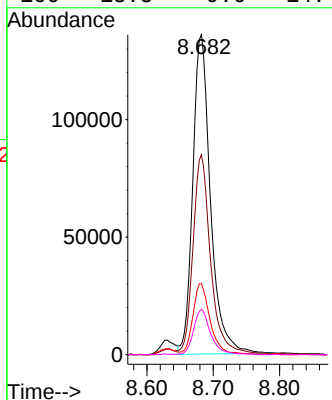
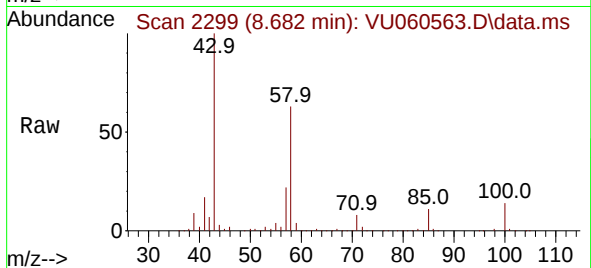


#48
2-Hexanone
Concen: 46.011 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 252120

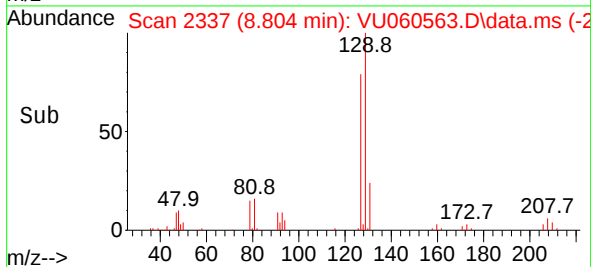
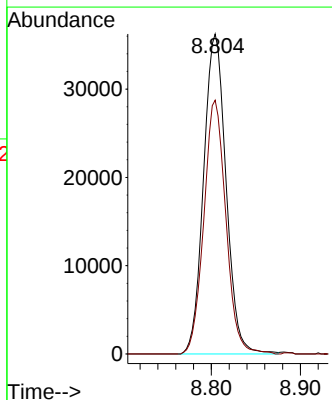
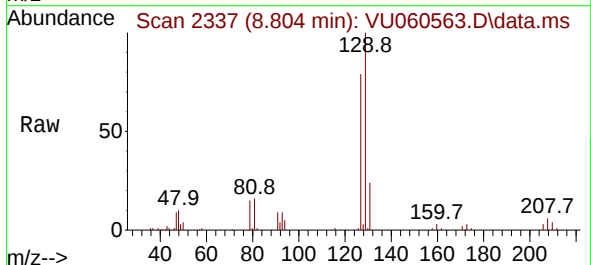
Ion	Ratio	Lower	Upper
43	100		
58	61.9	45.6	68.4
57	21.5	15.6	23.4
100	13.8	9.6	14.4

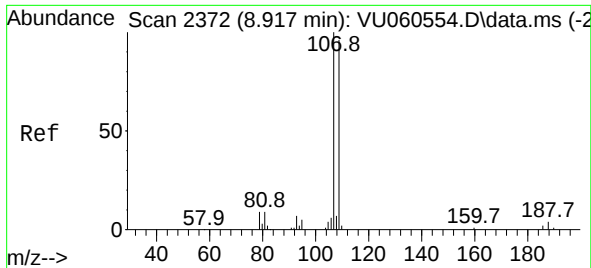


#49
Dibromochloromethane
Concen: 5.381 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion: 129 Resp: 63447

Ion	Ratio	Lower	Upper
129	100		
127	79.3	53.0	98.4





#50

1,2-Dibromoethane

Concen: 5.284 ug/L

RT: 8.920 min Scan# 24

Delta R.T. 0.003 min

Lab File: VU060563.D

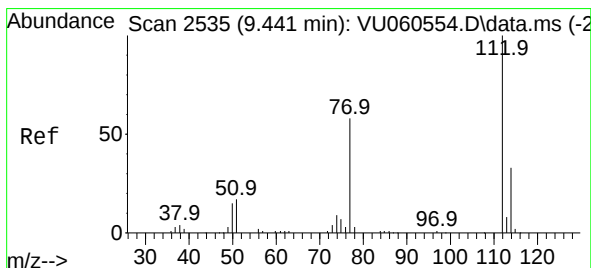
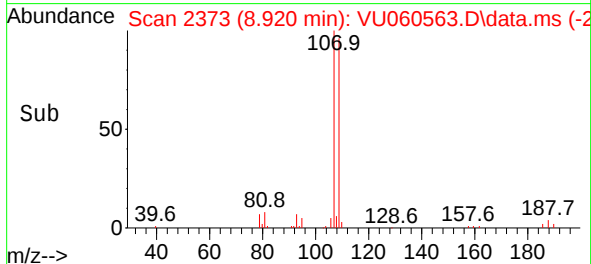
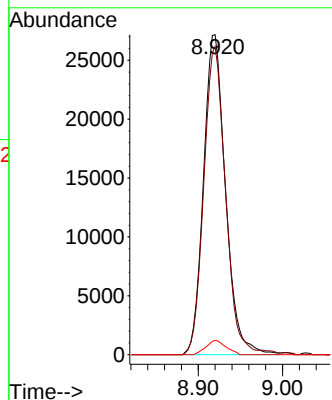
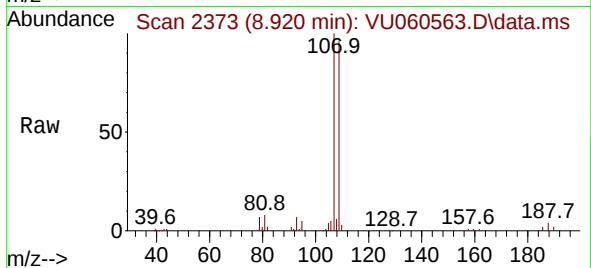
Acq: 29 Aug 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	49402
Ion Ratio	Lower	Upper	
107	100		
109	96.3	68.5	127.3
188	4.5	3.9	5.9



#51

Chlorobenzene

Concen: 5.086 ug/L

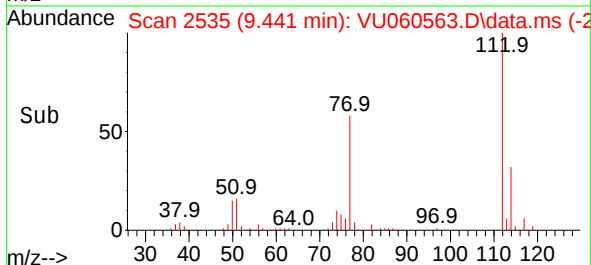
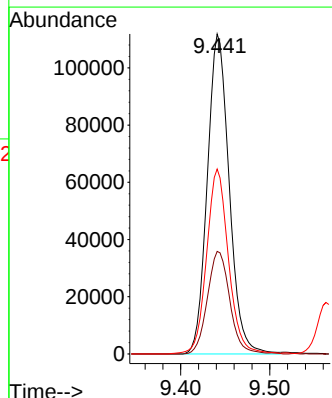
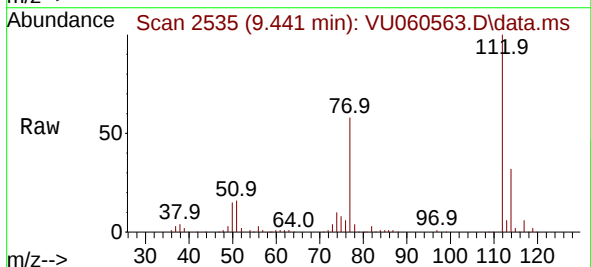
RT: 9.441 min Scan# 2535

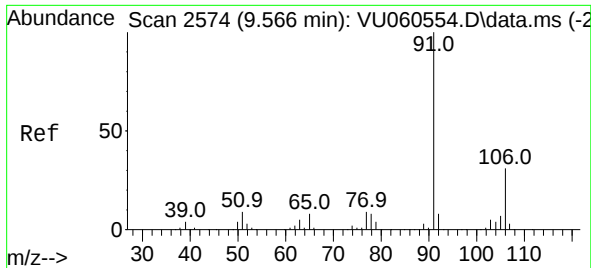
Delta R.T. 0.000 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

Tgt Ion:	112	Resp:	190909
Ion Ratio	Lower	Upper	
112	100		
114	32.0	21.9	40.7
77	57.8	47.4	71.2

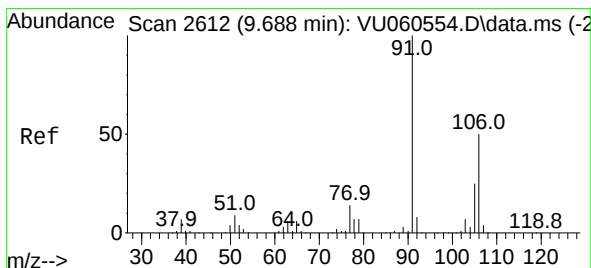
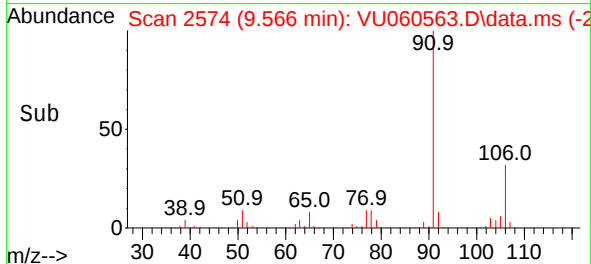
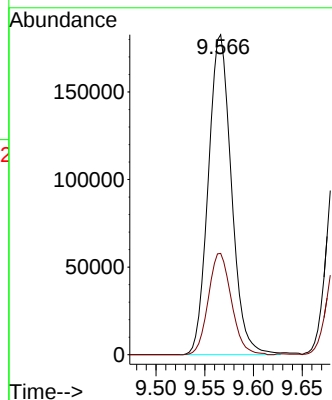
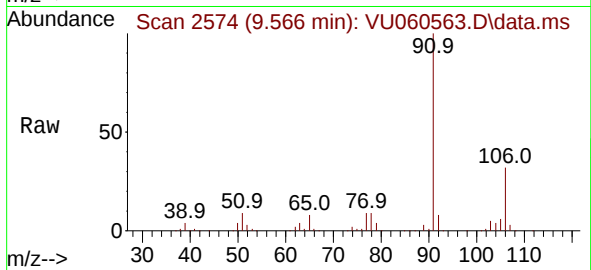




#52
Ethylbenzene
Concen: 4.908 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

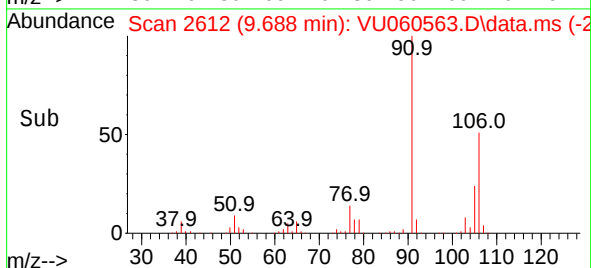
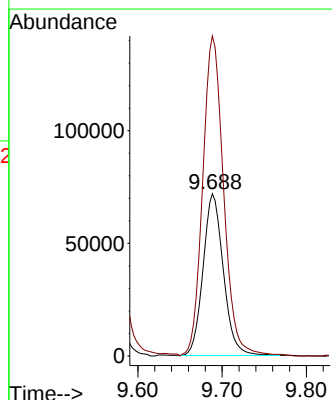
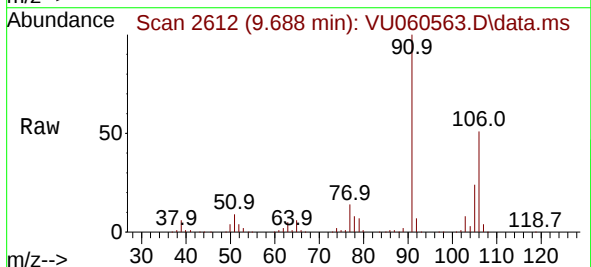
Instrument :
MSVOA_U
ClientSampleId :

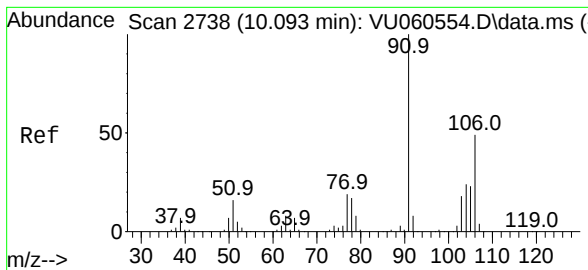
Tgt Ion: 91 Resp: 301539
Ion Ratio Lower Upper
91 100
106 31.7 21.9 40.7



#53
m,p-Xylene
Concen: 5.254 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion: 106 Resp: 120024
Ion Ratio Lower Upper
106 100
91 197.3 141.5 262.9

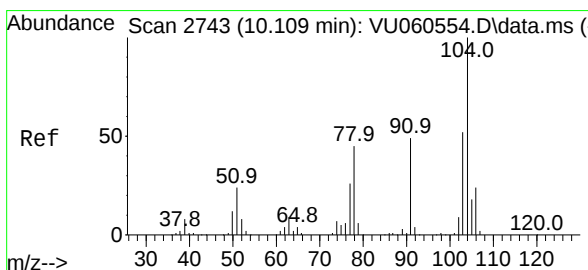
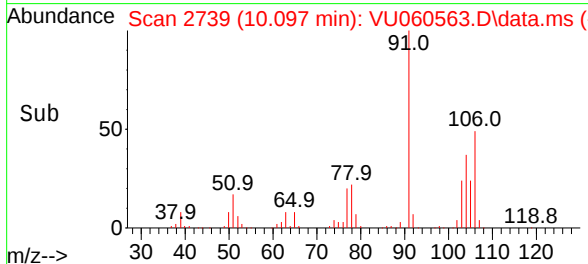
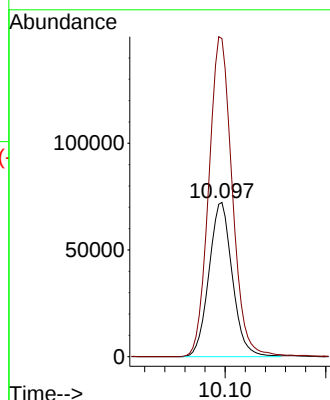
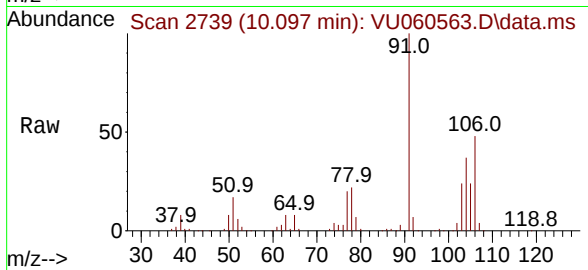




#54
o-Xylene
Concen: 4.985 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

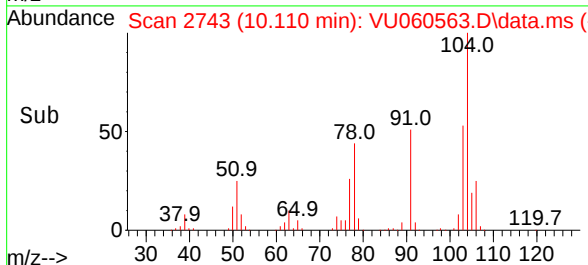
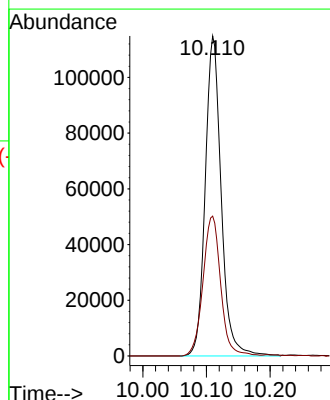
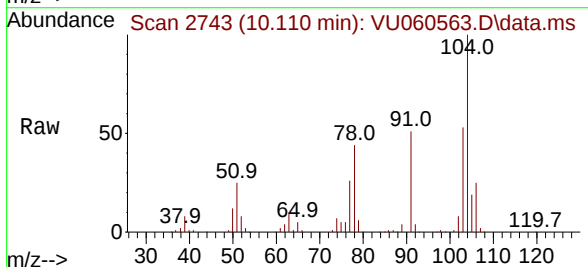
Instrument :
MSVOA_U
ClientSampleId :

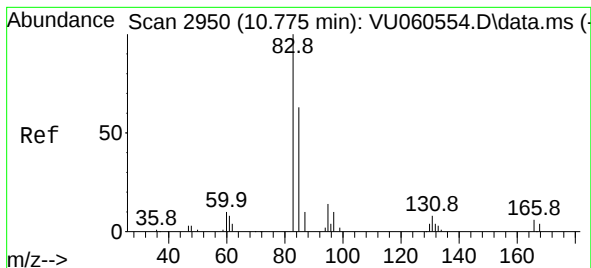
Tgt Ion:106 Resp: 116568
Ion Ratio Lower Upper
106 100
91 206.3 151.1 280.7



#55
Styrene
Concen: 5.221 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion:104 Resp: 200061
Ion Ratio Lower Upper
104 100
78 43.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.841 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

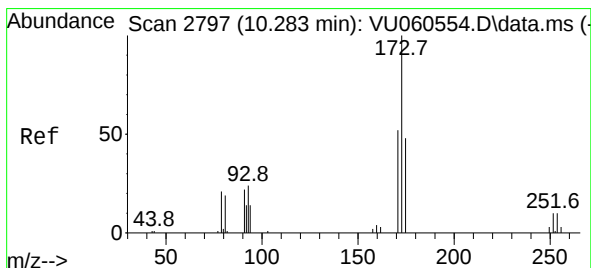
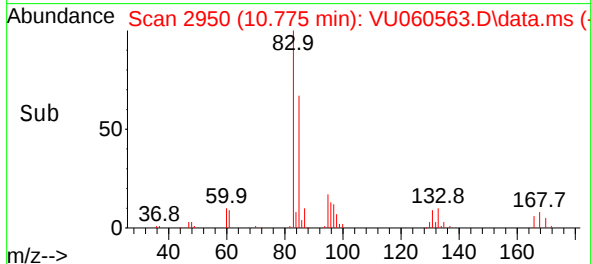
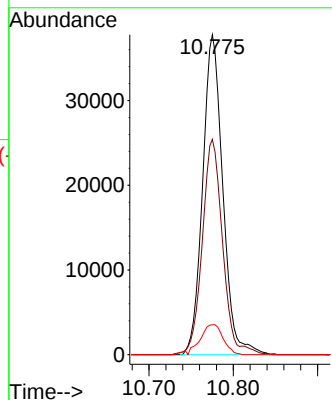
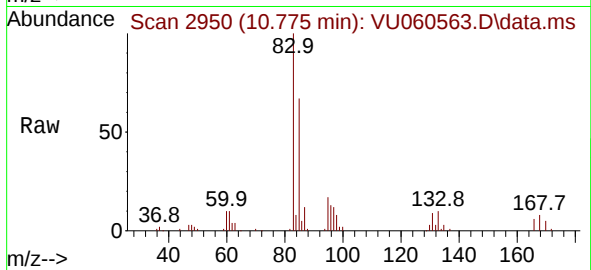
Tgt Ion: 83 Resp: 62953

Ion Ratio Lower Upper

83 100

85 67.3 43.3 80.5

131 9.3 8.9 13.3



#59

Bromoform

Concen: 5.323 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

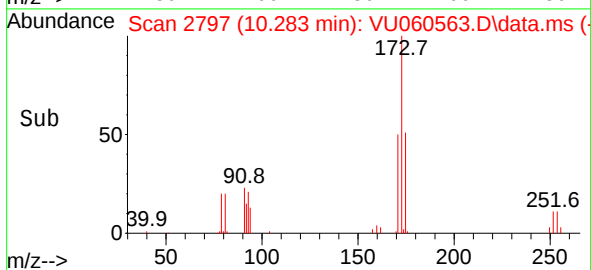
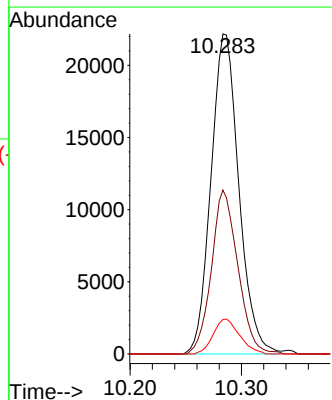
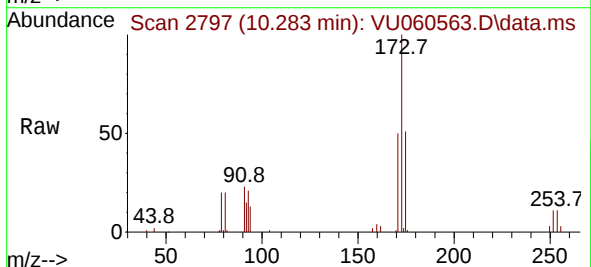
Tgt Ion:173 Resp: 38576

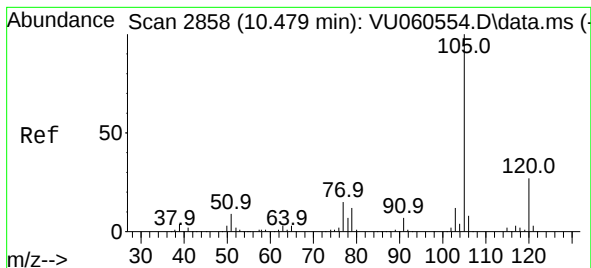
Ion Ratio Lower Upper

173 100

175 48.5 39.8 59.8

254 10.3 8.2 12.2





#60

Isopropylbenzene

Concen: 5.127 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

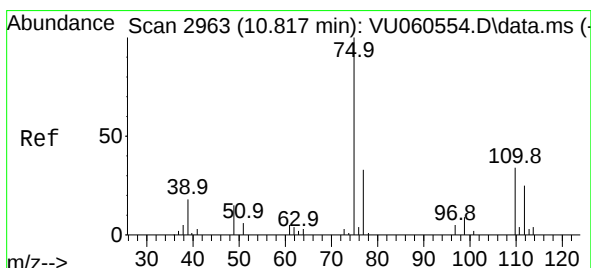
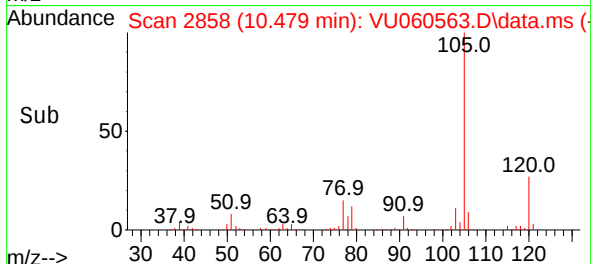
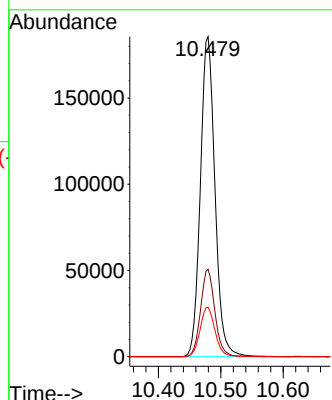
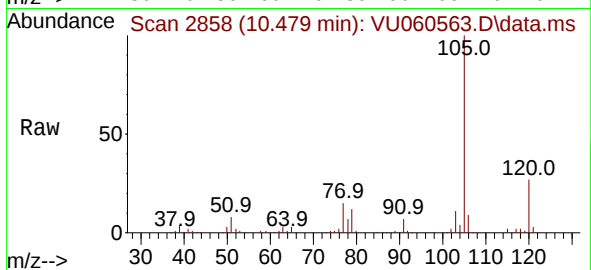
Tgt Ion:105 Resp: 302012

Ion Ratio Lower Upper

105 100

120 26.6 21.0 31.4

77 15.8 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.300 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

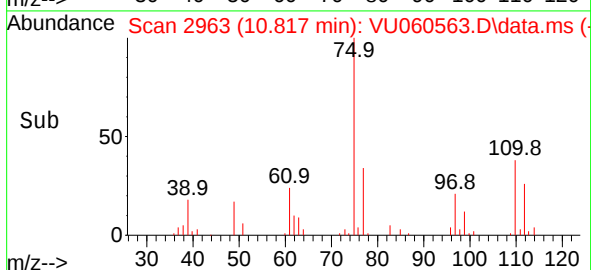
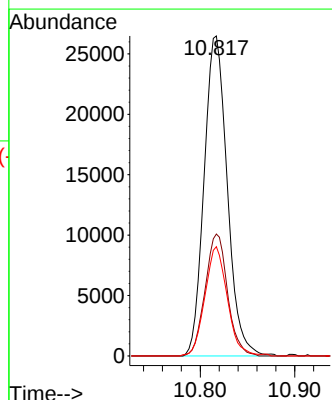
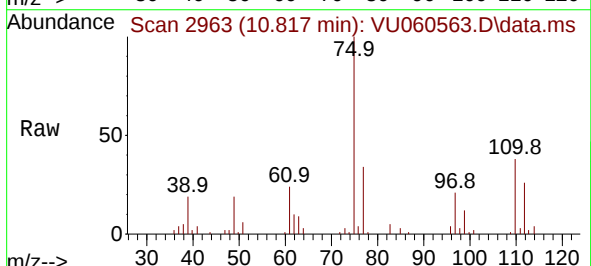
Tgt Ion: 75 Resp: 45082

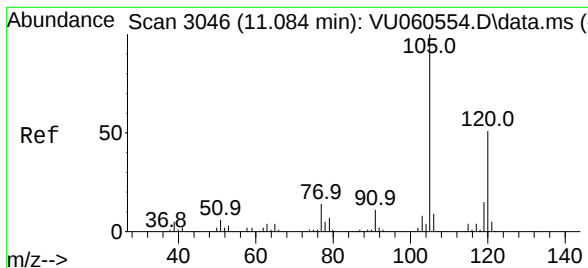
Ion Ratio Lower Upper

75 100

110 36.8 30.2 45.4

77 33.1 25.4 38.2

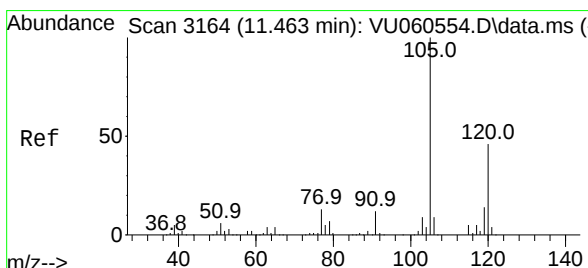
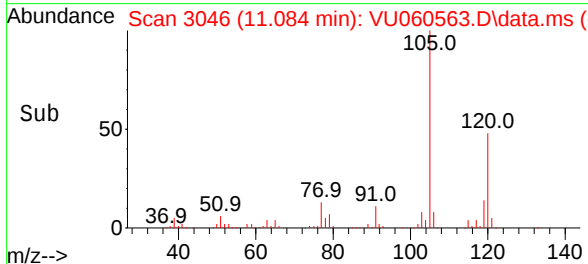
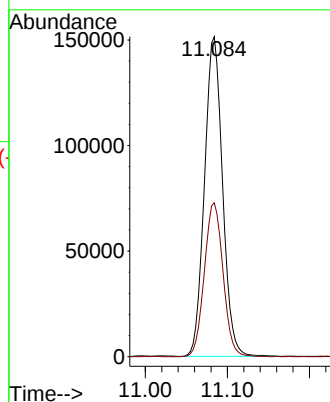
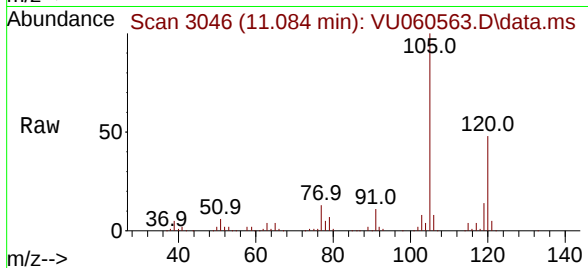




#62
1,3,5-Trimethylbenzene
Concen: 5.292 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

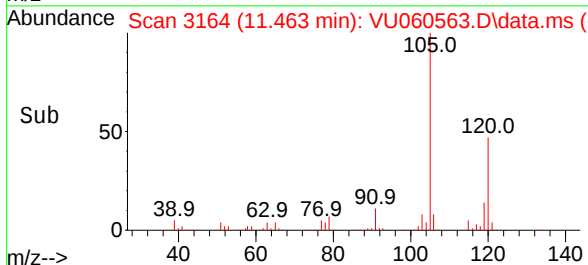
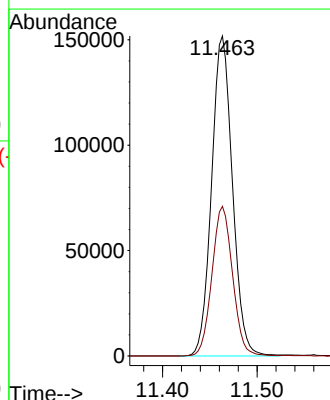
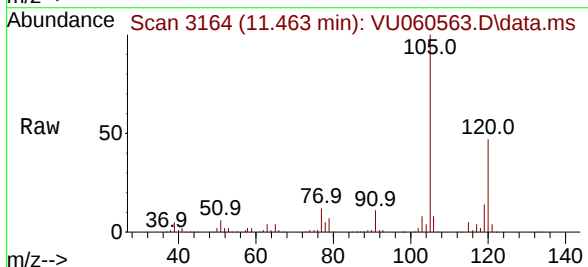
Instrument :
MSVOA_U
ClientSampleId :

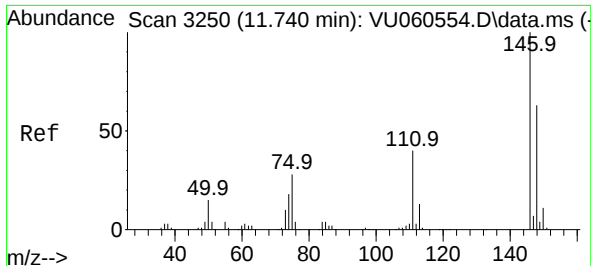
Tgt Ion:105 Resp: 232369
Ion Ratio Lower Upper
105 100
120 49.7 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 5.193 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion:105 Resp: 232609
Ion Ratio Lower Upper
105 100
120 46.2 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.238 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

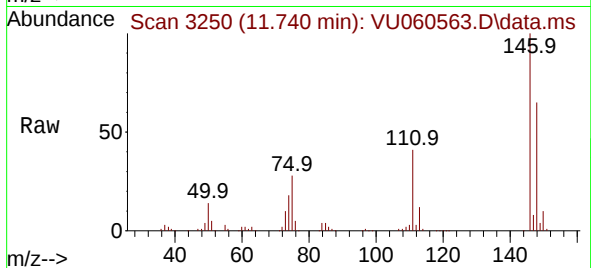
Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :



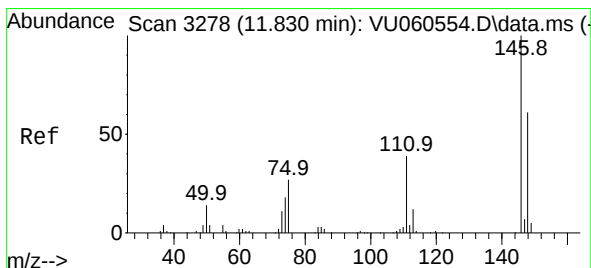
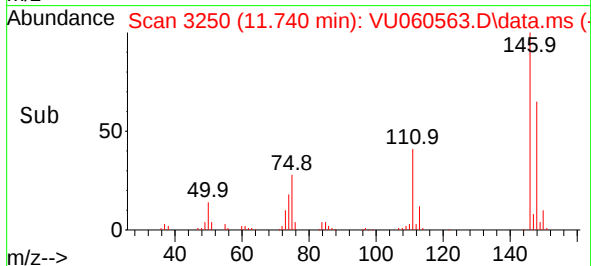
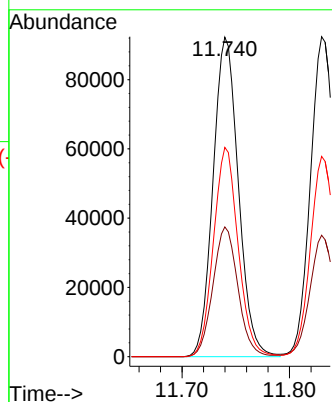
Tgt Ion:146 Resp: 151006

Ion Ratio Lower Upper

146 100

111 40.6 27.9 51.9

148 65.5 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 5.210 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

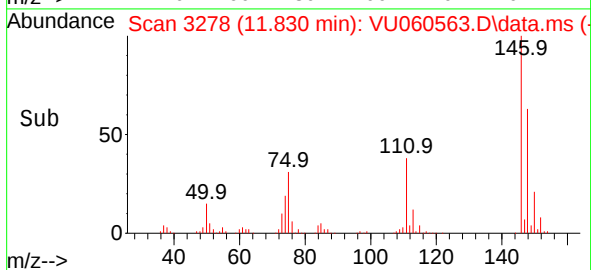
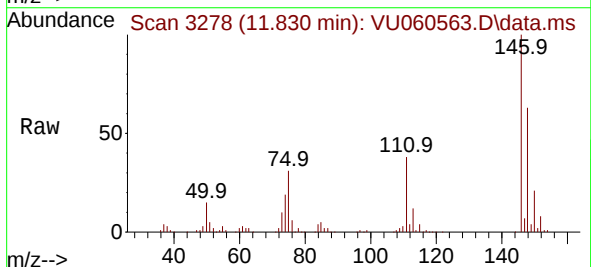
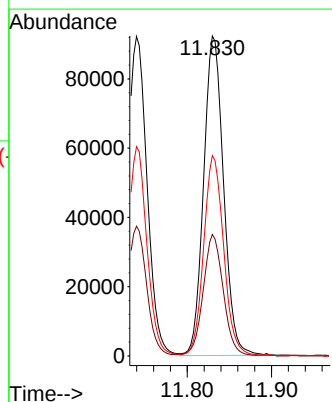
Tgt Ion:146 Resp: 152420

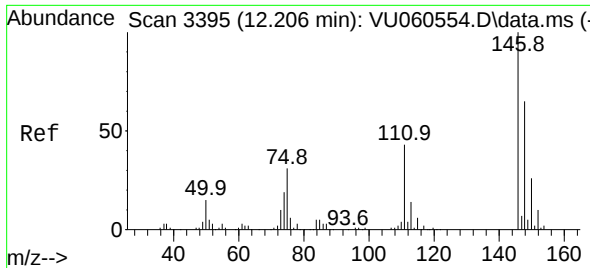
Ion Ratio Lower Upper

146 100

111 37.9 27.2 50.4

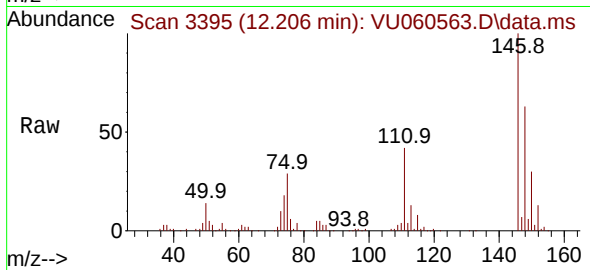
148 62.6 43.6 81.0



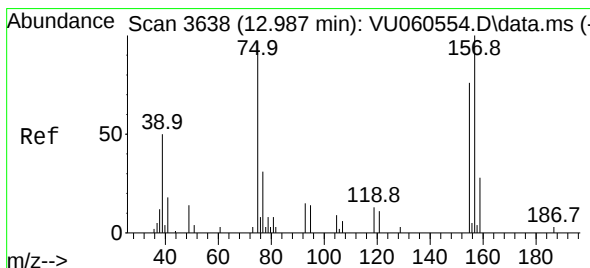
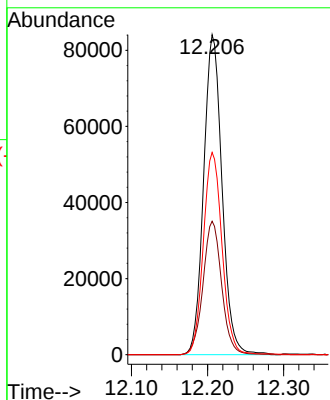
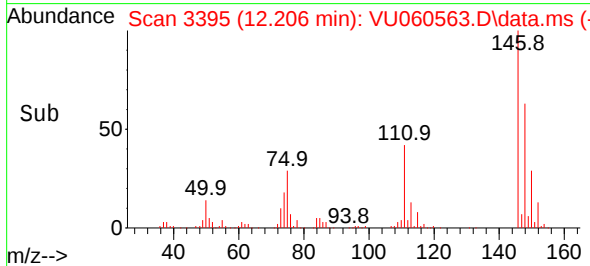


#67
1,2-Dichlorobenzene
Concen: 5.230 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Instrument :
MSVOA_U
ClientSampleId :

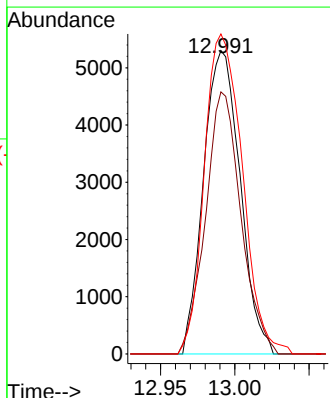
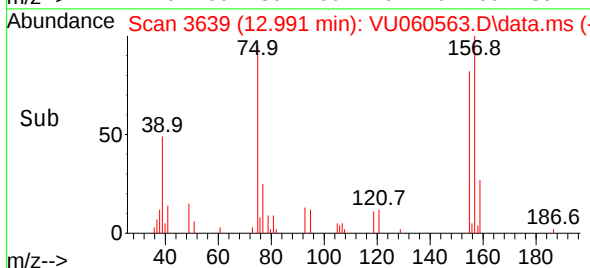
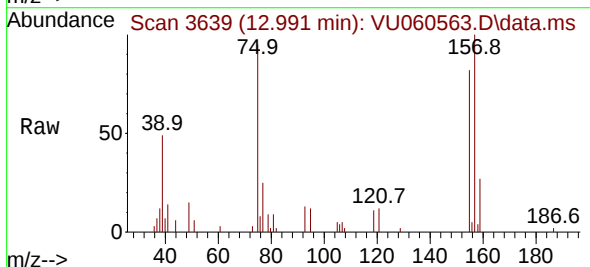


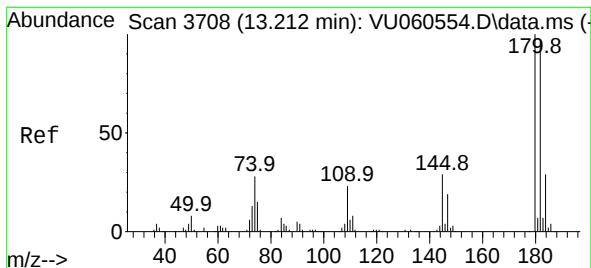
Tgt Ion:146 Resp: 141455
Ion Ratio Lower Upper
146 100
111 41.7 34.6 52.0
148 63.2 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.732 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion: 75 Resp: 9086
Ion Ratio Lower Upper
75 100
155 86.4 62.7 94.1
157 105.5 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 4.931 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 109621

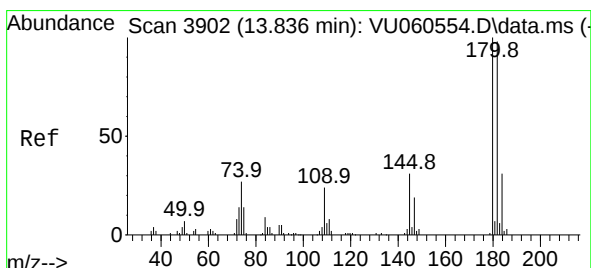
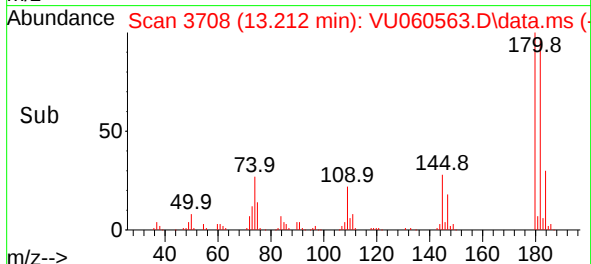
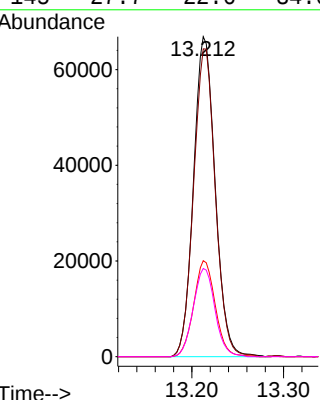
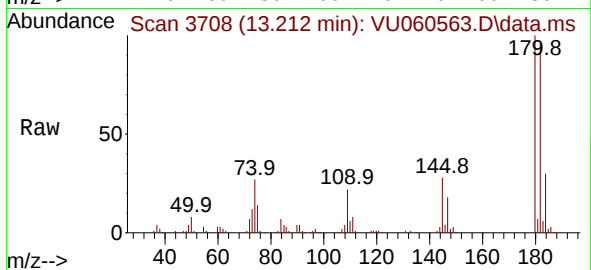
Ion Ratio Lower Upper

180 100

182 96.5 77.6 116.4

184 29.9 24.9 37.3

145 27.7 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.493 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060563.D

Acq: 29 Aug 2024 11:38

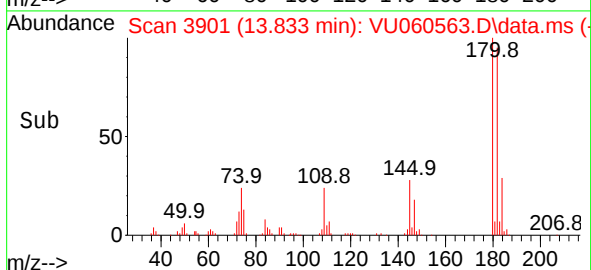
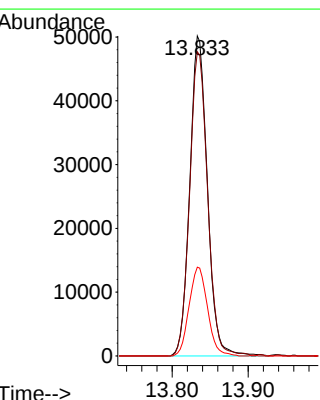
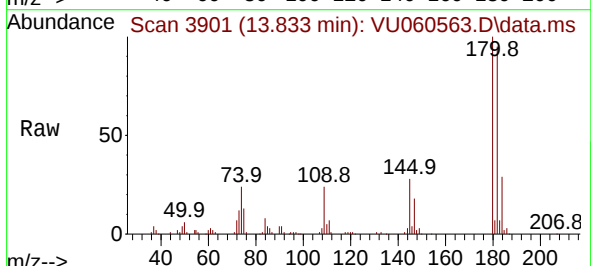
Tgt Ion:180 Resp: 80588

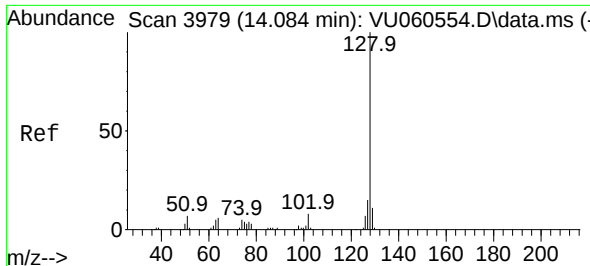
Ion Ratio Lower Upper

180 100

182 97.0 77.3 115.9

145 29.1 23.9 35.9

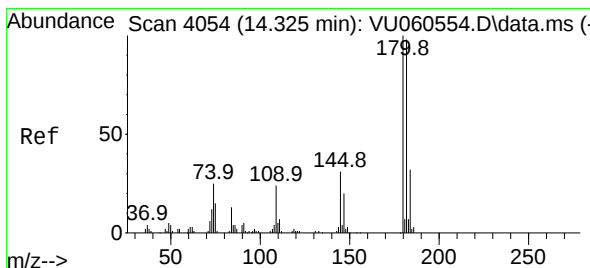
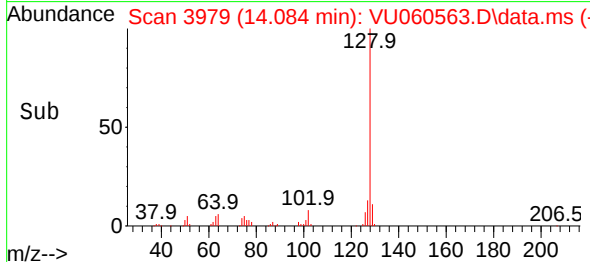
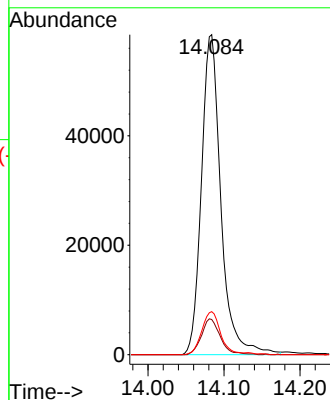
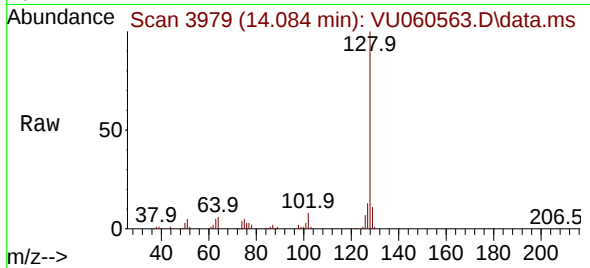




#71
Naphthalene
Concen: 4.541 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 104046
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.785 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU060563.D
Acq: 29 Aug 2024 11:38

Tgt Ion:180 Resp: 71829
Ion Ratio Lower Upper
180 100
182 97.7 76.0 114.0
145 31.1 24.3 36.5

