

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082624\
 Data File : VU060552.D
 Acq On : 26 Aug 2024 16:52
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 27 05:51:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 27 05:49:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	80592	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	114962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	11606	3.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.907	69	20444	3.791	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	7702	3.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.627	46	61456	50.207	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.420%
24) Chloroform-d	5.058	84	49435	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	27129	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.721	84	83049	3.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.000%#
36) 1,2-Dichloropropane-d6	6.685	67	27869	3.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.800%
41) Toluene-d8	7.891	98	78929	3.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	8.174	79	10552	3.636	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.627	63	64429	46.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	24444	3.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	31314	4.763	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45996	5.029	ug/L	99
3) Chloromethane	1.518	50	33181	4.187	ug/L	99
5) Vinyl chloride	1.599	62	32110	4.115	ug/L	99
6) Bromomethane	1.853	94	30656	3.904	ug/L	95
8) Chloroethane	1.930	64	31672	4.449	ug/L	98
9) Trichlorofluoromethane	2.132	101	79449	4.684	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	31612	4.405	ug/L	96
12) 1,1-Dichloroethene	2.573	96	27618	4.181	ug/L	90
13) Acetone	2.644	43	44217	43.170	ug/L	99
14) Carbon disulfide	2.788	76	94313	4.400	ug/L	100
15) Methyl Acetate	2.955	43	11420	5.453	ug/L	92
16) Methylene chloride	3.039	84	39546	6.164	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	66840	4.986	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	29120	5.064	ug/L	94
19) 1,1-Dichloroethane	3.862	63	58888	5.053	ug/L	91
21) 2-Butanone	4.711	43	68965	49.235	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	32439	5.063	ug/L	98
23) Bromochloromethane	4.968	128	15268	5.243	ug/L	96
25) Chloroform	5.081	83	65372	5.301	ug/L	95

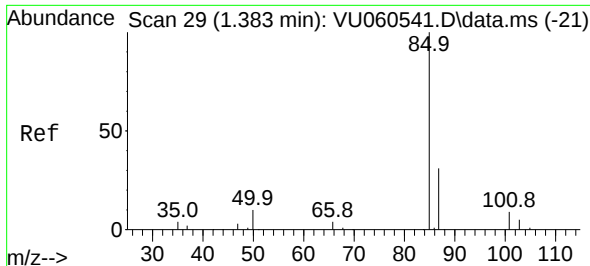
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082624\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	42357	5.117	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	58282	3.702	ug/L	97
30) Cyclohexane	5.380	56	44839	3.440	ug/L	99
31) Carbon tetrachloride	5.518	117	52694	3.621	ug/L	99
33) Benzene	5.766	78	130664	3.584	ug/L	100
34) Trichloroethene	6.537	95	35105	3.552	ug/L	97
35) Methylcyclohexane	6.759	83	47760	3.522	ug/L	99
37) 1,2-Dichloropropane	6.785	63	35000	3.746	ug/L	99
38) Bromodichloromethane	7.100	83	46277	3.770	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	49629	3.623	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	179090	36.806	ug/L	100
42) Toluene	7.962	91	143846	3.733	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	42667	3.794	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	24972	3.690	ug/L	97
47) Tetrachloroethene	8.547	164	38939	4.807	ug/L	97
48) 2-Hexanone	8.679	43	184441	50.650	ug/L	99
49) Dibromochloromethane	8.804	129	42487	5.422	ug/L	100
50) 1,2-Dibromoethane	8.917	107	31785	5.116	ug/L #	95
51) Chlorobenzene	9.441	112	120606	4.835	ug/L	100
52) Ethylbenzene	9.563	91	194811	4.771	ug/L	99
53) m,p-Xylene	9.688	106	72929	4.804	ug/L	100
54) o-Xylene	10.093	106	65611	4.222	ug/L	99
55) Styrene	10.110	104	110660	4.346	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	29374	3.399	ug/L	97
59) Bromoform	10.283	173	18532	5.057	ug/L	98
60) Isopropylbenzene	10.479	105	149569	5.021	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	21703	5.046	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	115512	5.203	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	116337	5.137	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	74513	5.111	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	73363	4.959	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	67201	4.913	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	4963	5.112	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	53545	4.763	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	41079	4.529	ug/L	97
71) Naphthalene	14.084	128	52196	4.505	ug/L	97
72) 1,2,3-Trichlorobenzene	14.322	180	36211	4.771	ug/L	98

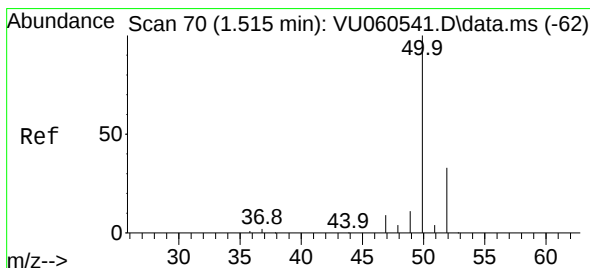
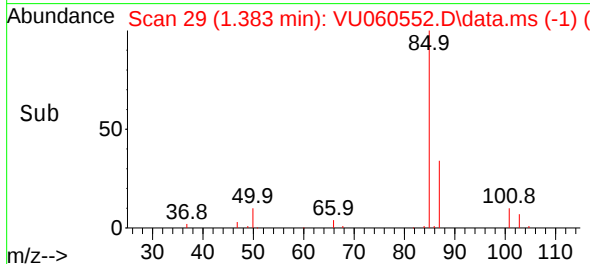
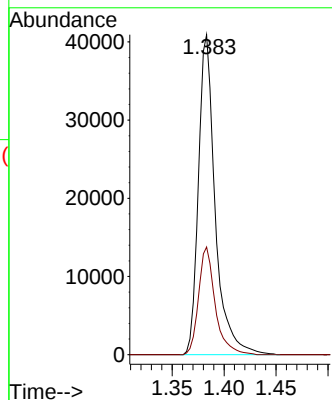
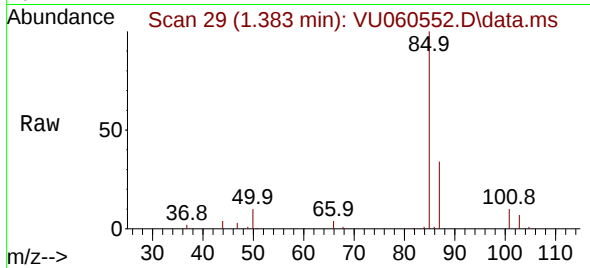
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.029 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060552.D
 Acq: 26 Aug 2024 16:52

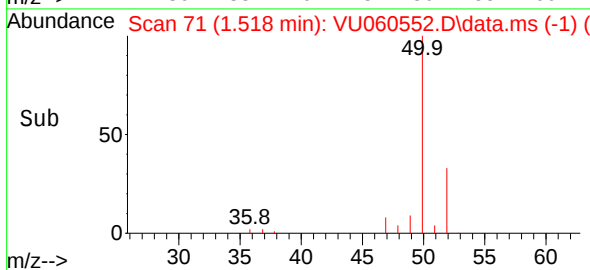
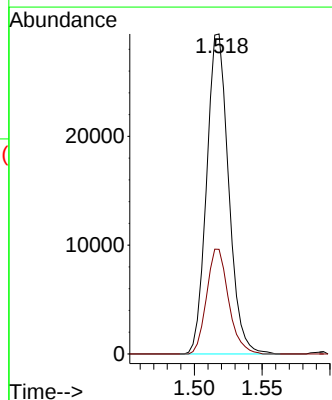
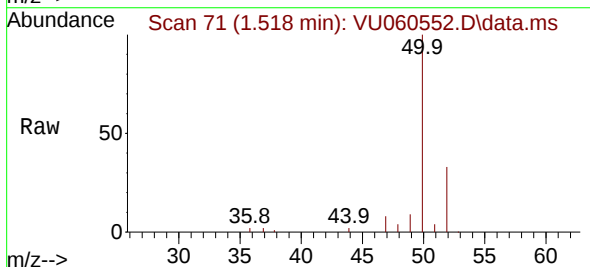
Instrument :
 MSVOA_U
 ClientSampleId :

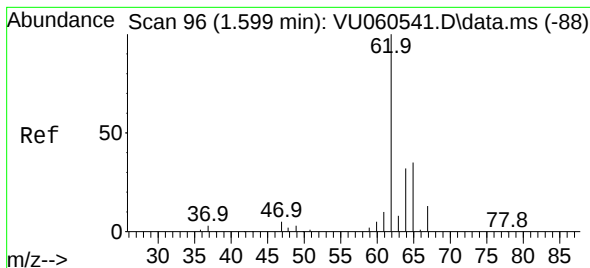
Tgt Ion: 85 Resp: 45996
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.2 39.4



#3
 Chloromethane
 Concen: 4.187 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU060552.D
 Acq: 26 Aug 2024 16:52

Tgt Ion: 50 Resp: 33181
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.1





#5

Vinyl chloride

Concen: 4.115 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

Instrument :

MSVOA_U

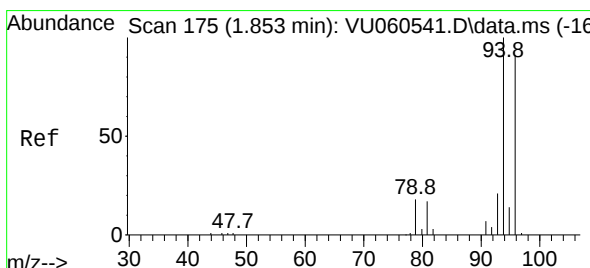
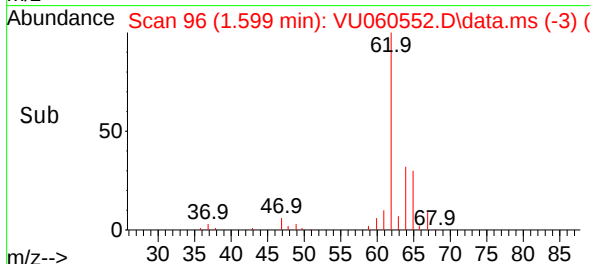
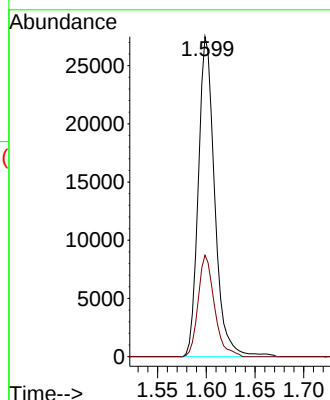
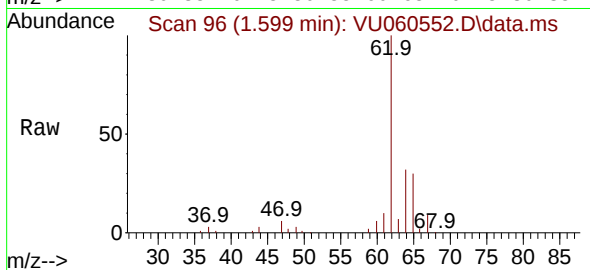
ClientSampleId :

Tgt Ion: 62 Resp: 32110

Ion Ratio Lower Upper

62 100

64 31.7 22.0 40.8



#6

Bromomethane

Concen: 3.904 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU060552.D

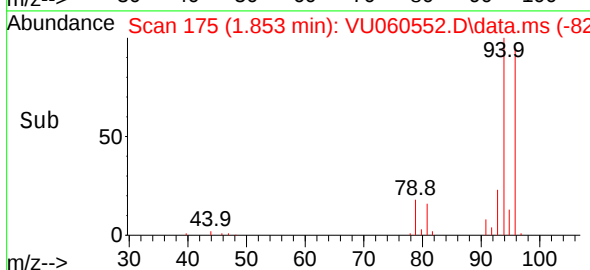
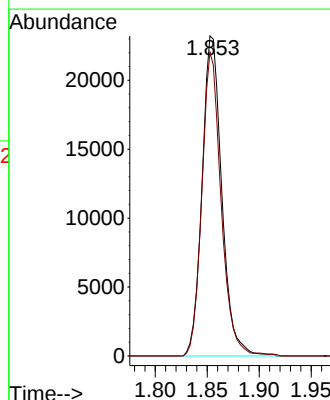
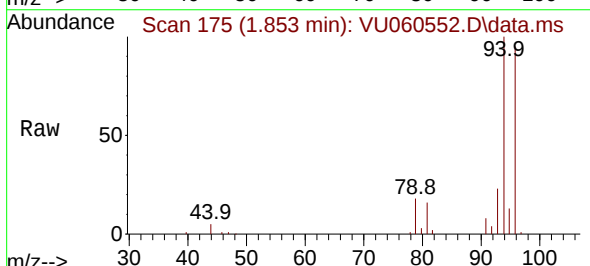
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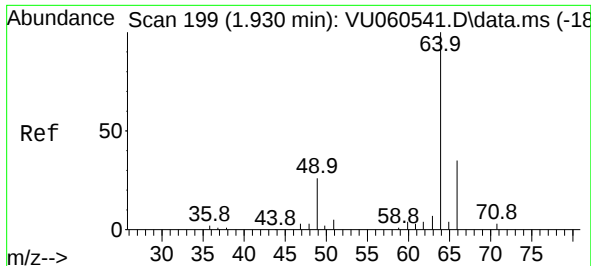
Tgt Ion: 94 Resp: 30656

Ion Ratio Lower Upper

94 100

96 94.9 63.3 117.5

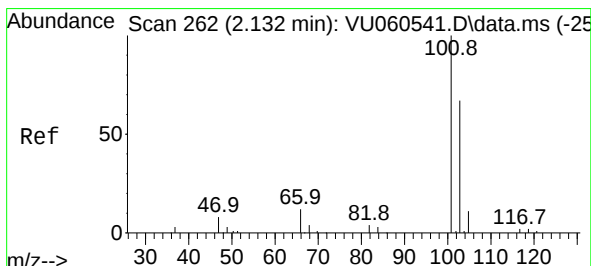
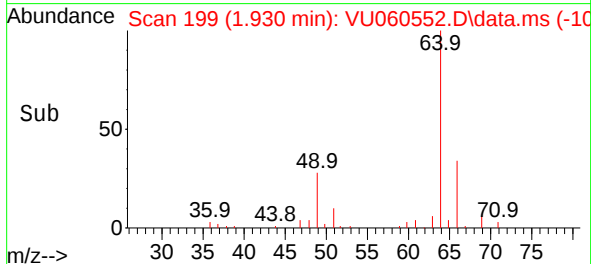
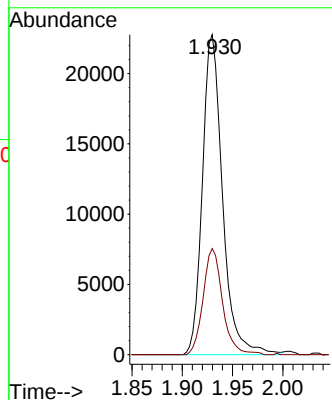
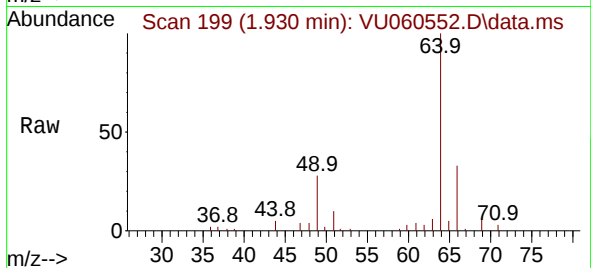




#8
Chloroethane
Concen: 4.449 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

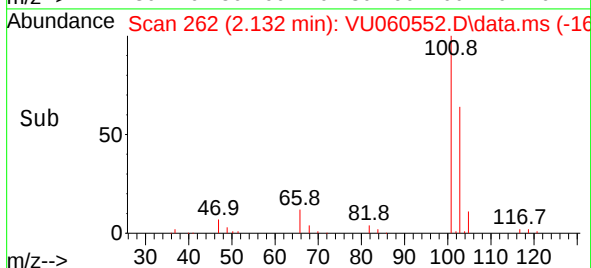
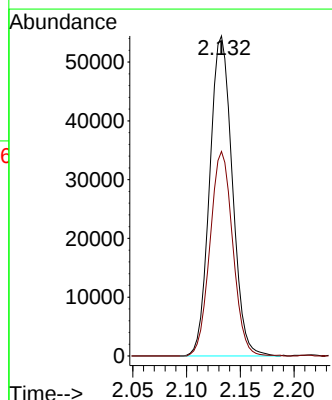
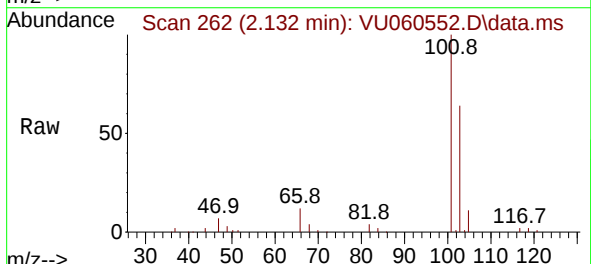
Instrument :
MSVOA_U
ClientSampleId :

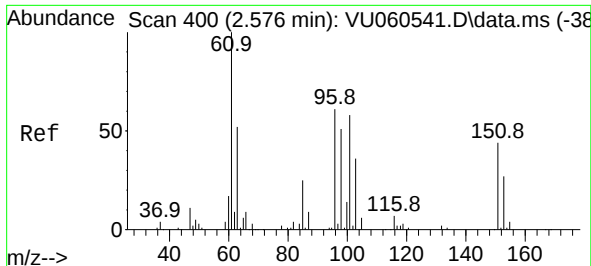
Tgt Ion: 64 Resp: 31672
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.684 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Tgt Ion:101 Resp: 79449
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2





#10

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

Concen: 4.405 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU060552.D

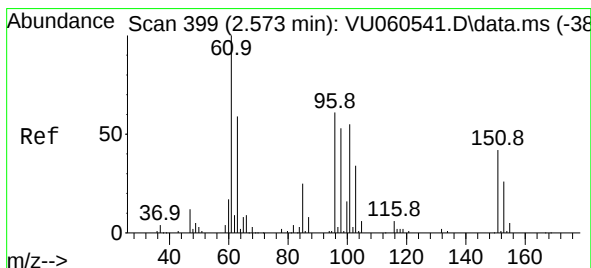
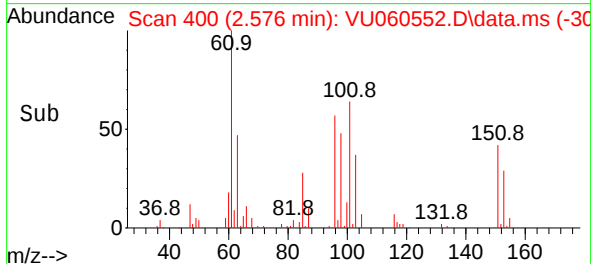
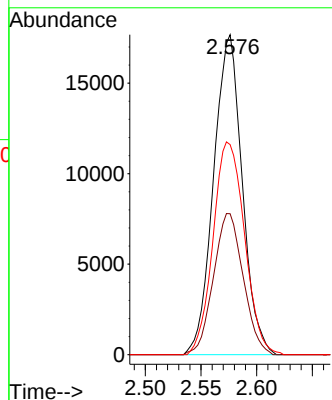
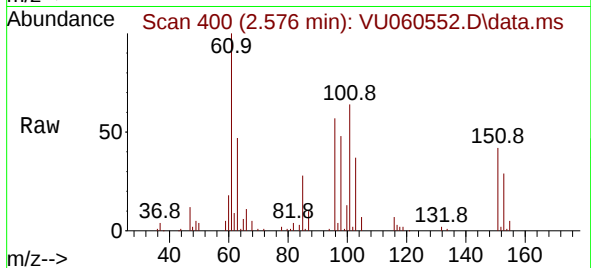
Acq: 26 Aug 2024 16:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	31612
Ion	Ratio	Lower Upper
101	100	
85	45.8	35.8 53.6
151	73.1	61.7 92.5



#12

1,1-Dichloroethene

Concen: 4.181 ug/L

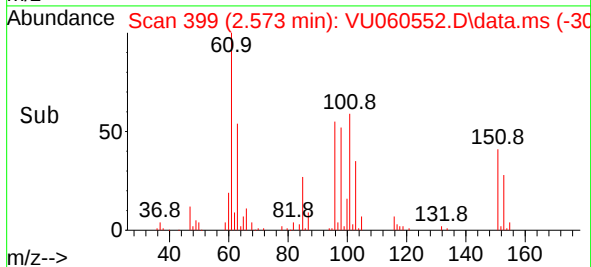
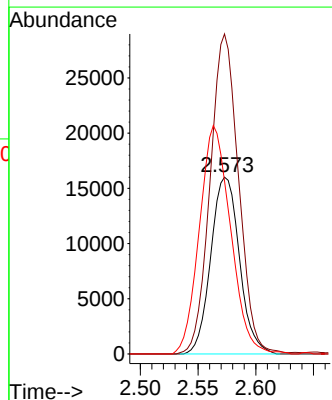
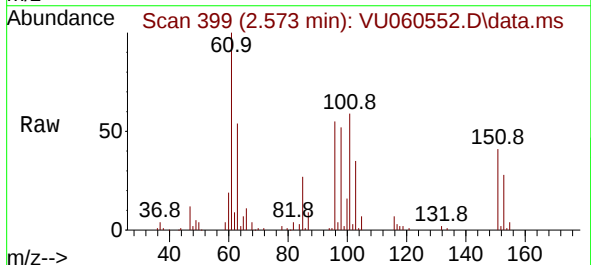
RT: 2.573 min Scan# 399

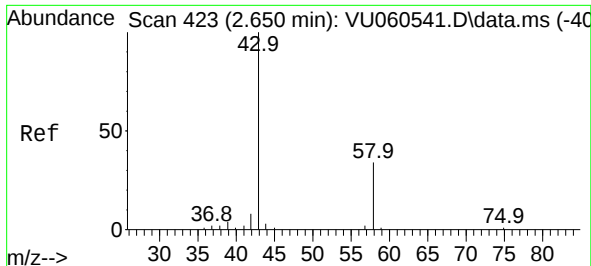
Delta R.T. -0.000 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

Tgt Ion: 96	Resp:	27618
Ion	Ratio	Lower Upper
96	100	
61	181.1	116.4 216.2
63	97.9	74.8 139.0





#13

Acetone

Concen: 43.170 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

Instrument :

MSVOA_U

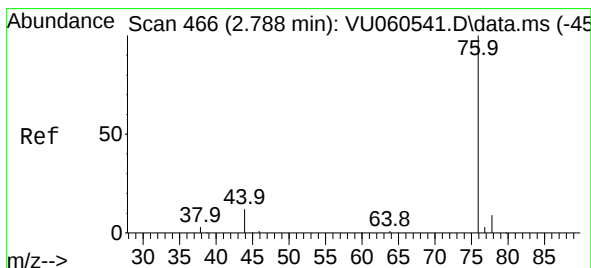
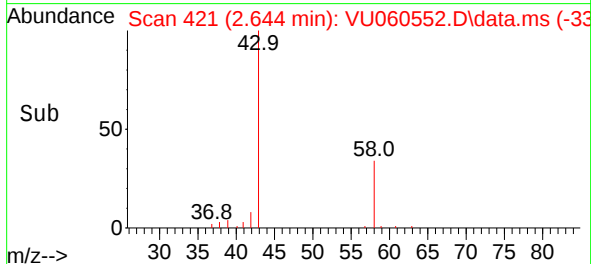
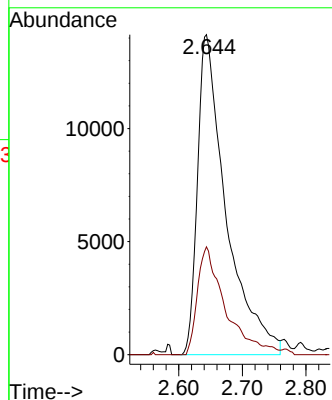
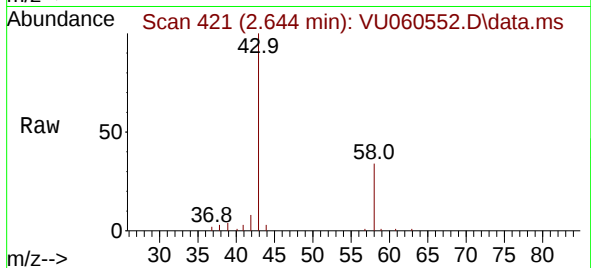
ClientSampleId :

Tgt Ion: 43 Resp: 44217

Ion Ratio Lower Upper

43 100

58 33.0 0.0 66.8



#14

Carbon disulfide

Concen: 4.400 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060552.D

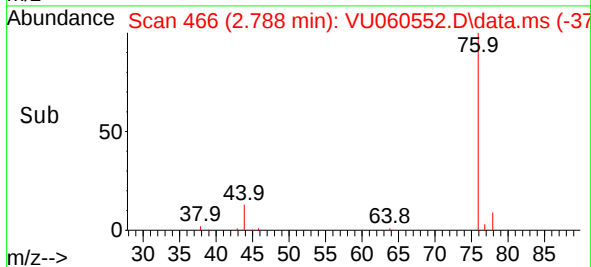
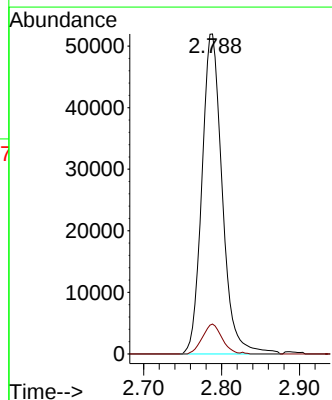
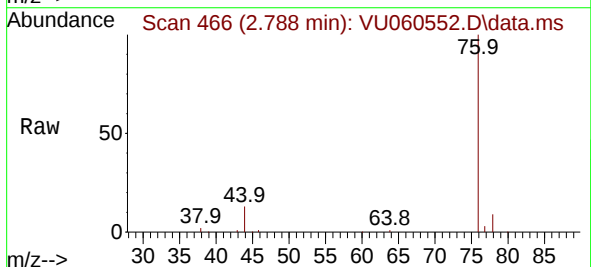
Acq: 26 Aug 2024 16:52

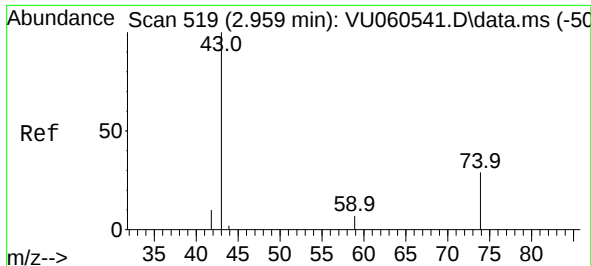
Tgt Ion: 76 Resp: 94313

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 5.453 ug/L

RT: 2.955 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

Instrument :

MSVOA_U

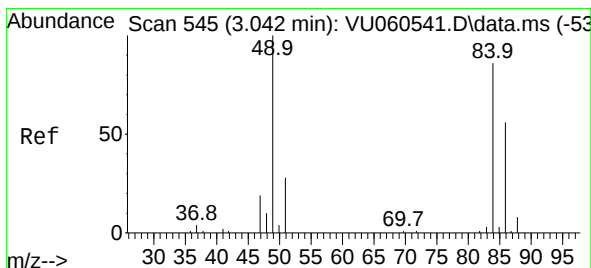
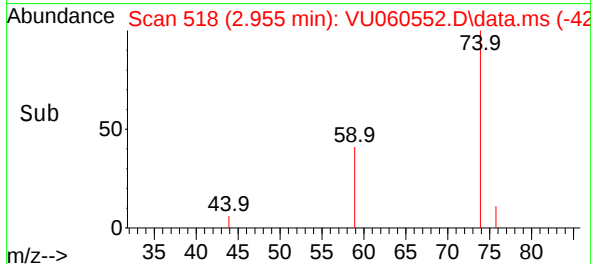
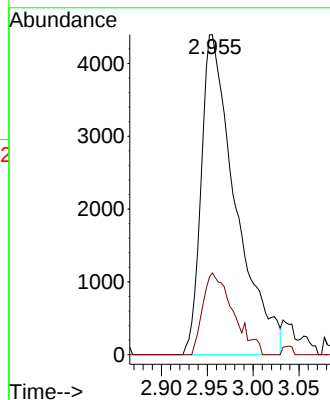
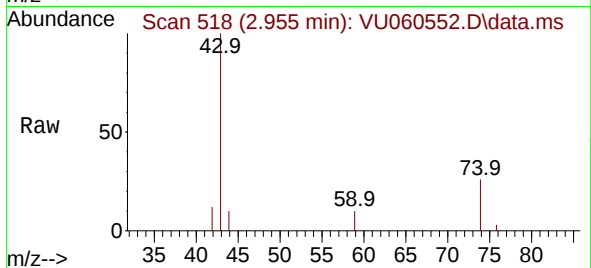
ClientSampleId :

Tgt Ion: 43 Resp: 11420

Ion Ratio Lower Upper

43 100

74 22.7 21.4 32.2



#16

Methylene chloride

Concen: 6.164 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

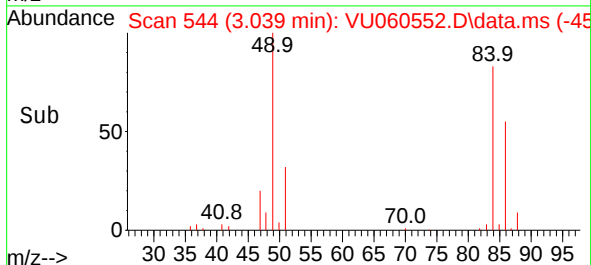
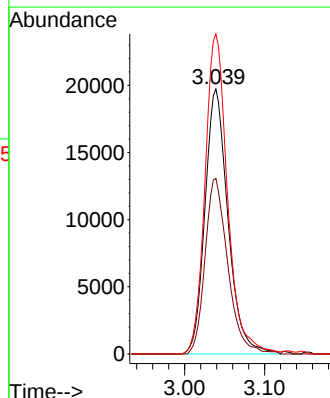
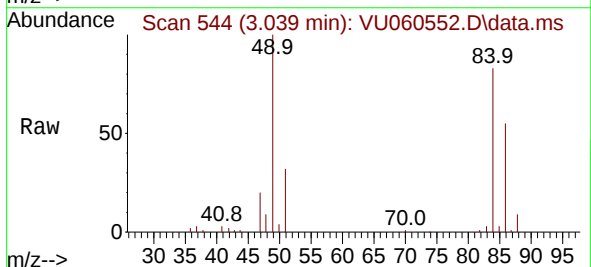
Tgt Ion: 84 Resp: 39546

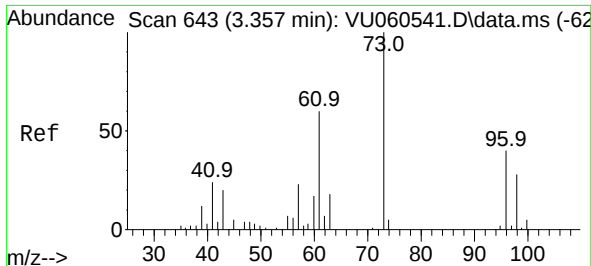
Ion Ratio Lower Upper

84 100

86 66.2 47.5 88.3

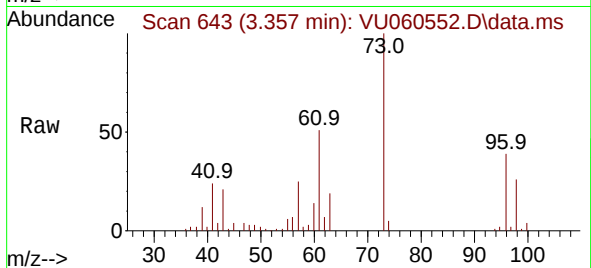
49 120.8 94.4 175.2



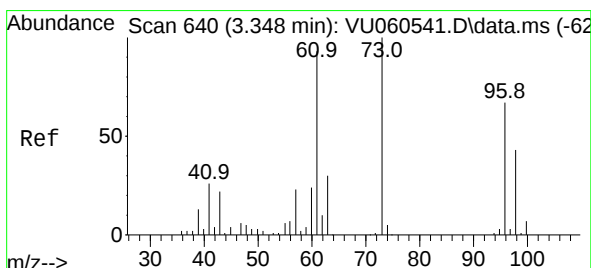
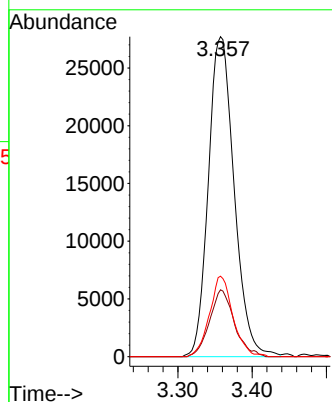
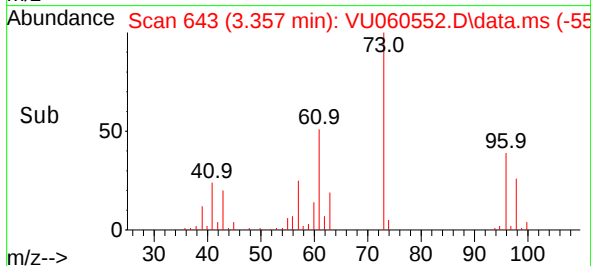


#17
Methyl tert-butyl Ether
Concen: 4.986 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

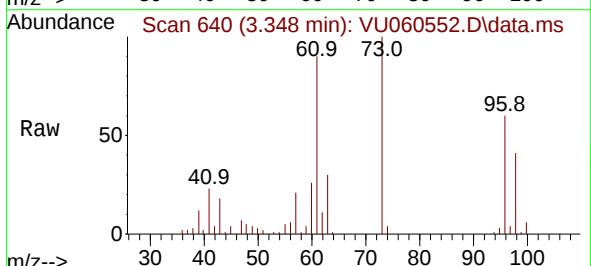
Instrument :
MSVOA_U
ClientSampleId :



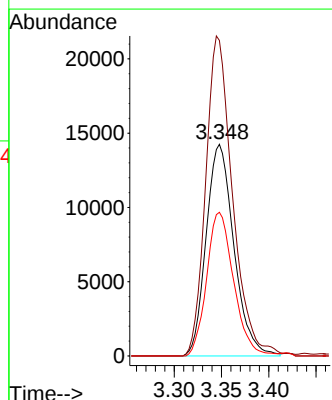
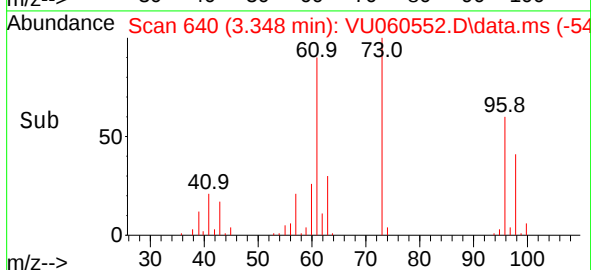
Tgt Ion: 73 Resp: 66840
Ion Ratio Lower Upper
73 100
43 20.0 15.8 23.6
57 22.9 16.8 25.2

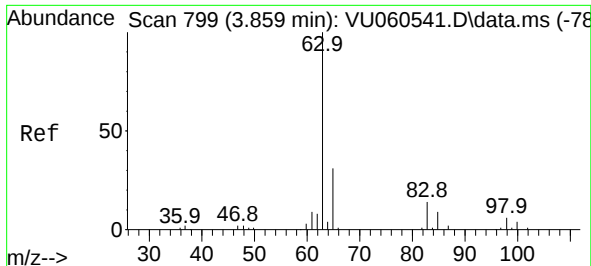


#18
trans-1,2-Dichloroethene
Concen: 5.064 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52



Tgt Ion: 96 Resp: 29120
Ion Ratio Lower Upper
96 100
61 149.0 99.2 184.2
98 67.9 44.0 81.8

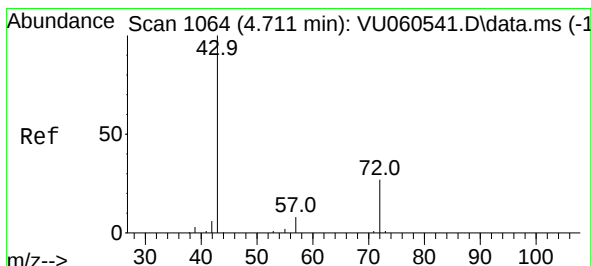
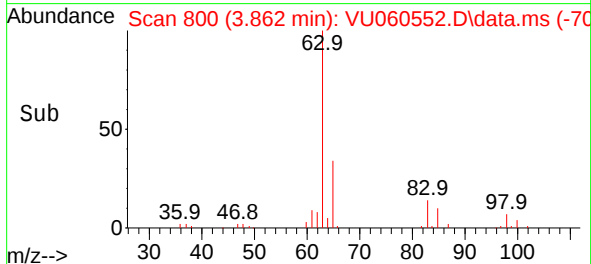
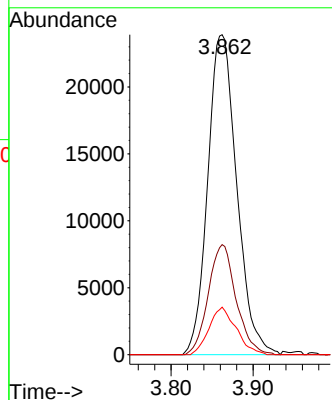
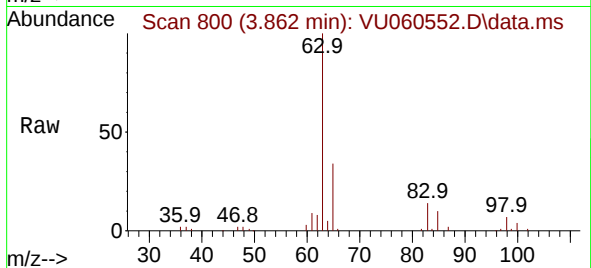




#19
1,1-Dichloroethane
Concen: 5.053 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

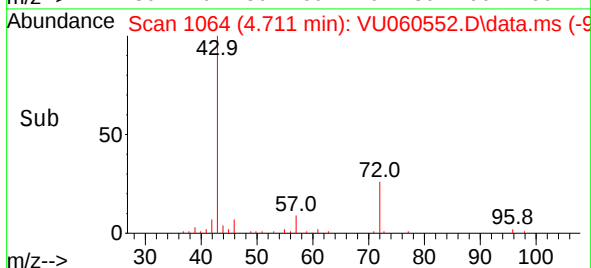
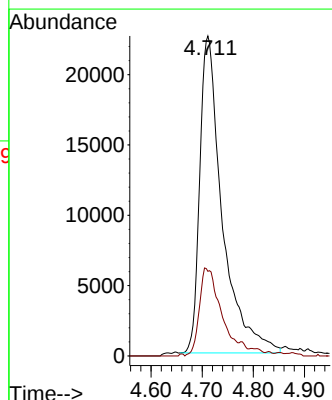
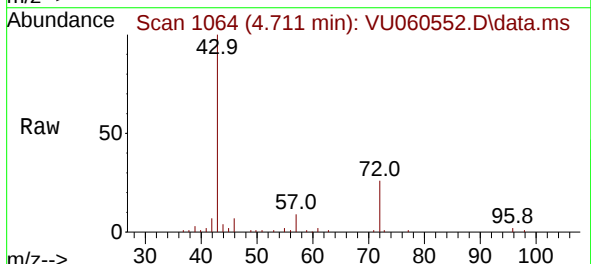
Instrument :
MSVOA_U
ClientSampleId :

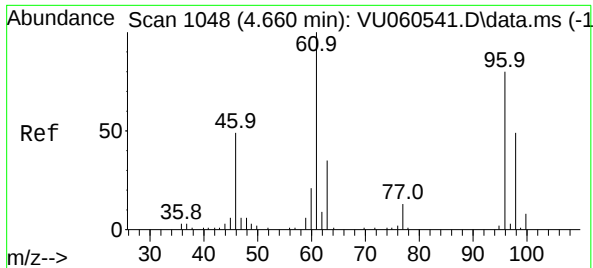
Tgt Ion: 63 Resp: 58888
Ion Ratio Lower Upper
63 100
65 35.2 20.5 38.1
83 14.8 9.2 17.2



#21
2-Butanone
Concen: 49.235 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

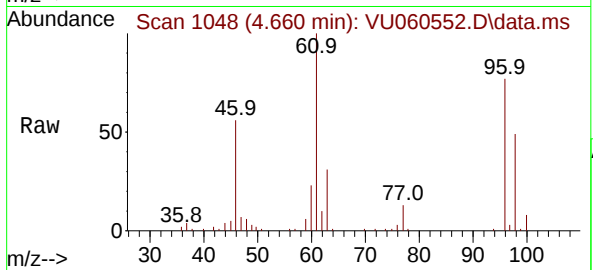
Tgt Ion: 43 Resp: 68965
Ion Ratio Lower Upper
43 100
72 26.2 14.0 42.0



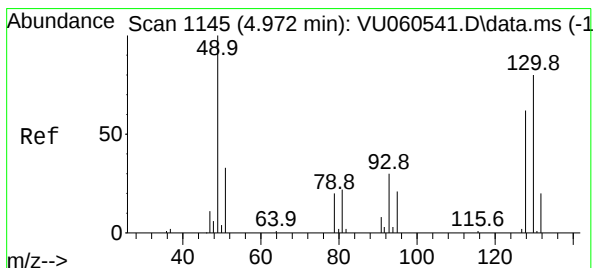
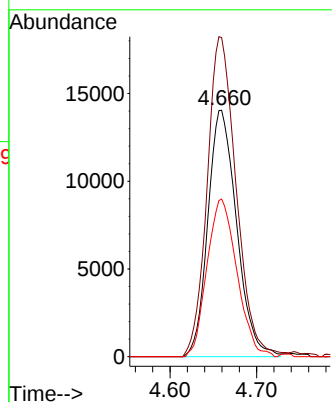
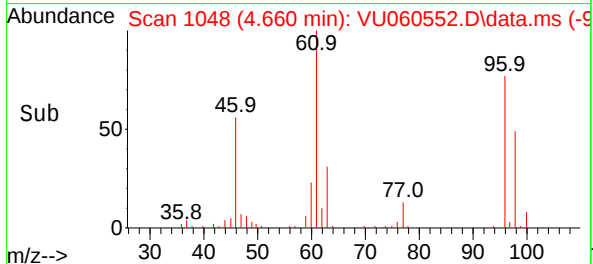


#22
cis-1,2-Dichloroethene
Concen: 5.063 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Instrument :
MSVOA_U
ClientSampleId :

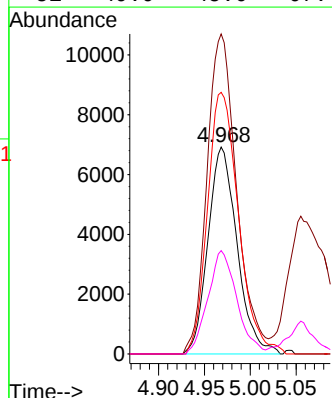
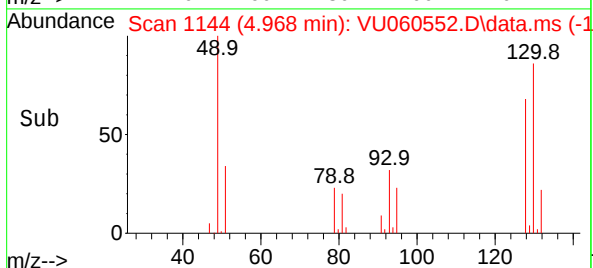
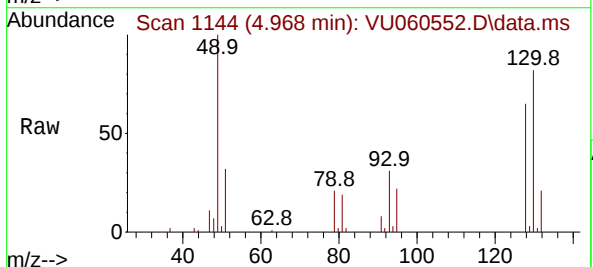


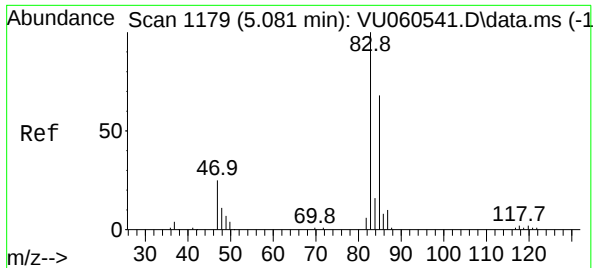
Tgt Ion: 96 Resp: 32439
Ion Ratio Lower Upper
96 100
61 129.5 92.9 172.5
98 64.0 45.0 83.6



#23
Bromochloromethane
Concen: 5.243 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Tgt Ion: 128 Resp: 15268
Ion Ratio Lower Upper
128 100
49 154.6 108.1 200.7
130 126.4 93.1 172.9
51 49.9 45.0 67.4

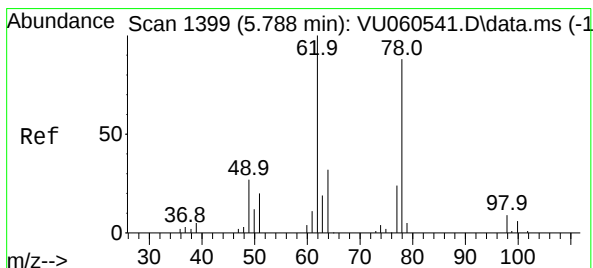
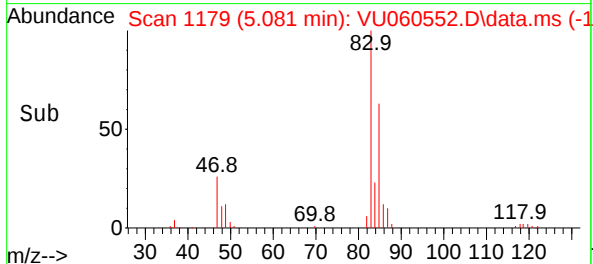
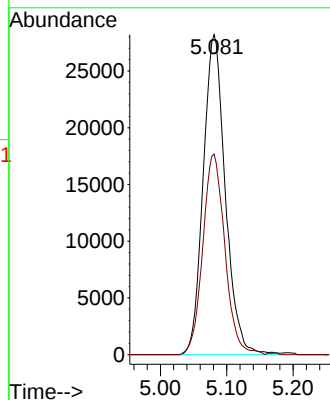
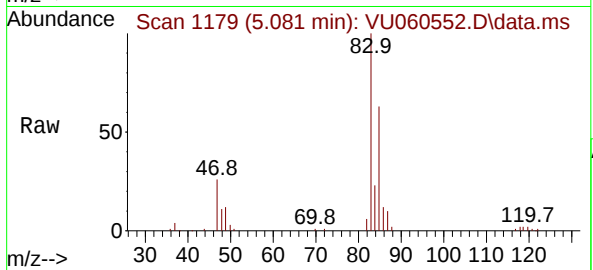




#25
Chloroform
Concen: 5.301 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

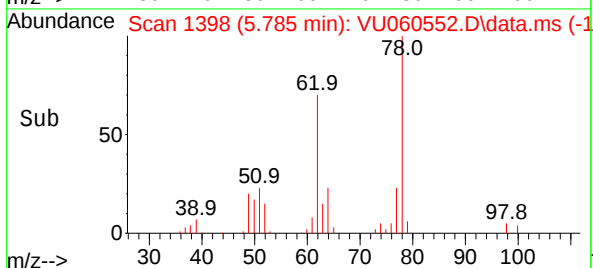
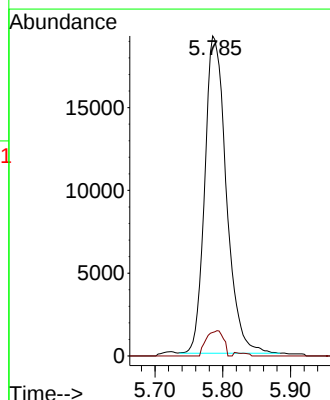
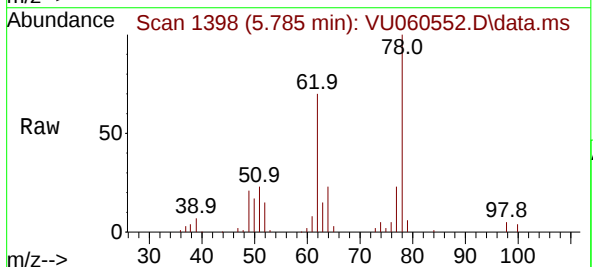
Instrument :
MSVOA_U
ClientSampleId :

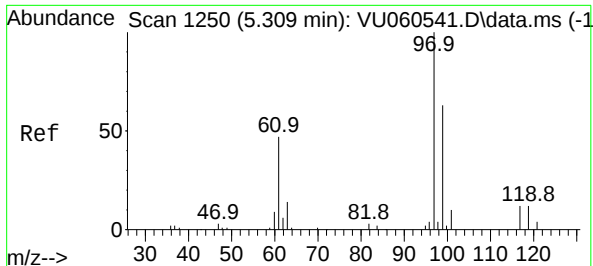
Tgt Ion: 83 Resp: 65372
Ion Ratio Lower Upper
83 100
85 62.7 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.117 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Tgt Ion: 62 Resp: 42357
Ion Ratio Lower Upper
62 100
98 7.4 7.0 10.4

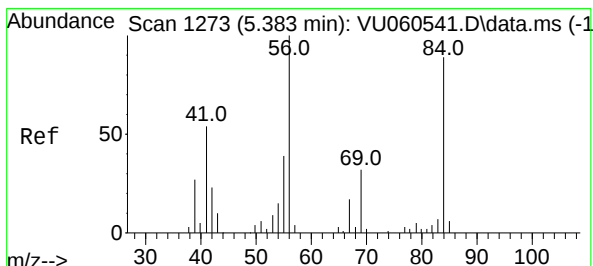
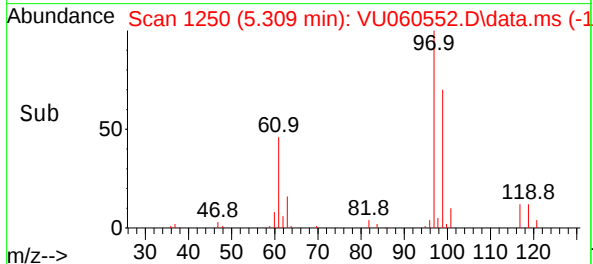
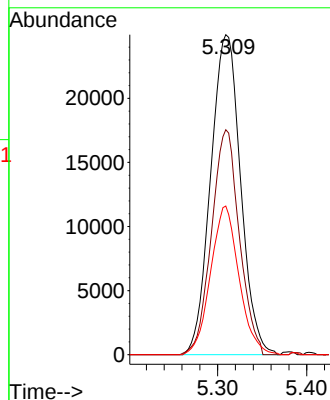
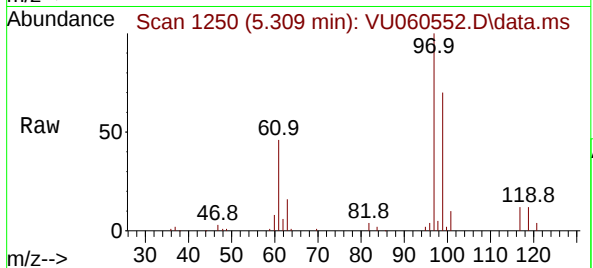




#29
1,1,1-Trichloroethane
Concen: 3.702 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

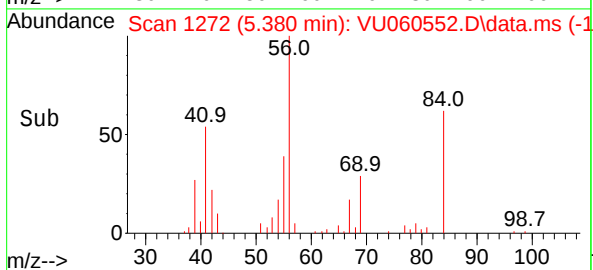
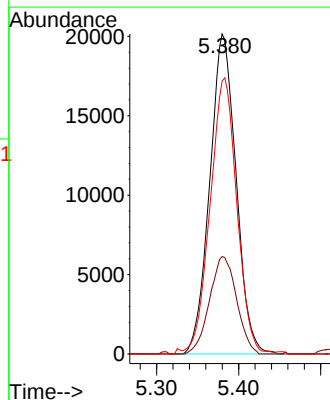
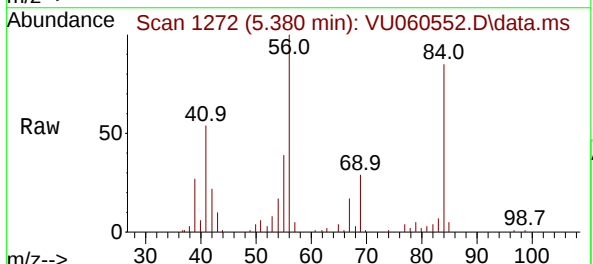
Instrument :
MSVOA_U
ClientSampleId :

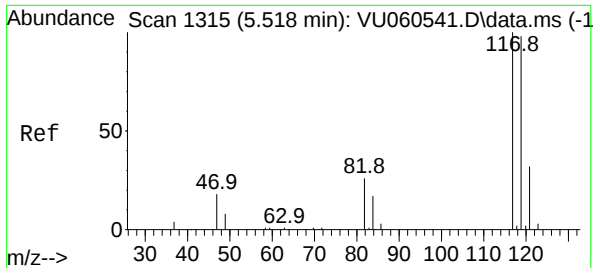
Tgt Ion: 97 Resp: 58282
Ion Ratio Lower Upper
97 100
99 65.4 49.7 74.5
61 44.1 35.4 53.2



#30
Cyclohexane
Concen: 3.440 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Tgt Ion: 56 Resp: 44839
Ion Ratio Lower Upper
56 100
69 31.3 24.2 36.2
84 85.9 69.7 104.5

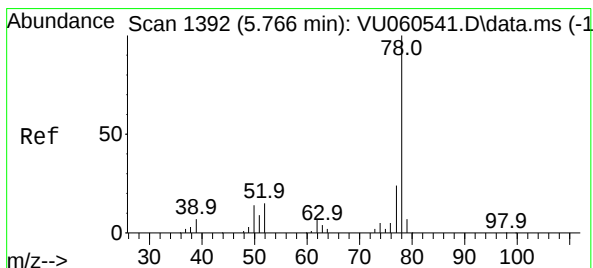
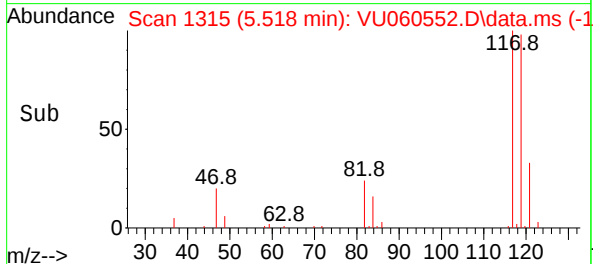
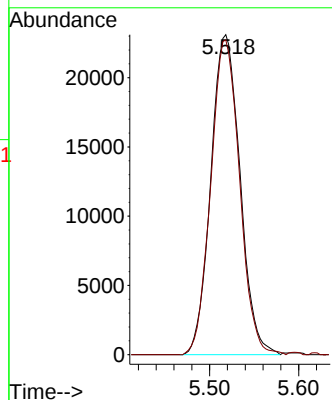
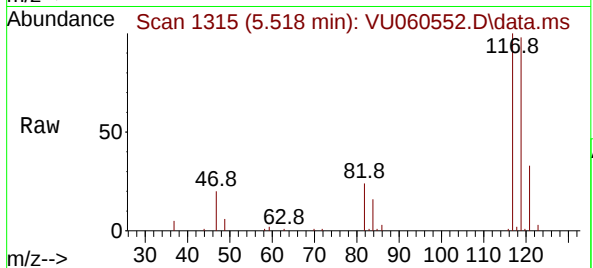




#31
Carbon tetrachloride
Concen: 3.621 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

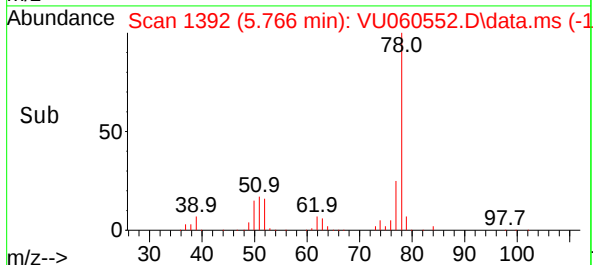
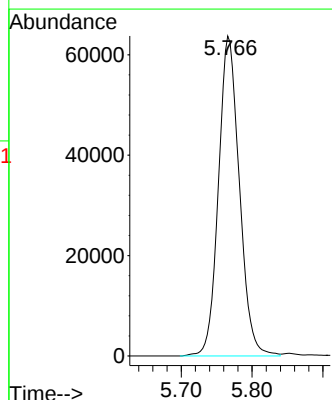
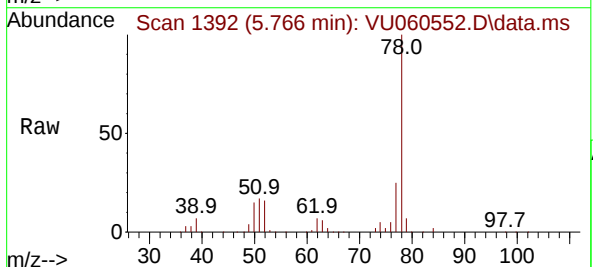
Instrument :
MSVOA_U
ClientSampleId :

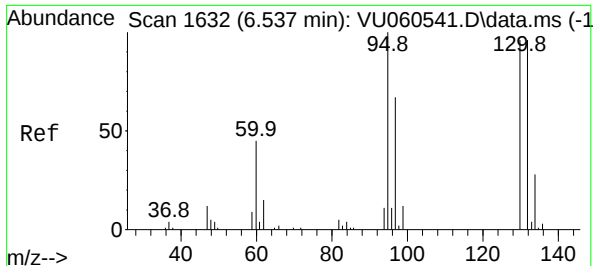
Tgt Ion:117 Resp: 52694
Ion Ratio Lower Upper
117 100
119 96.7 76.4 114.6



#33
Benzene
Concen: 3.584 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

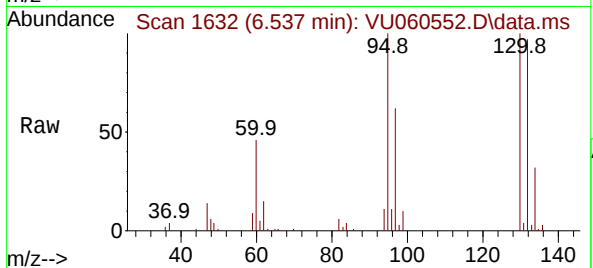
Tgt Ion: 78 Resp: 130664



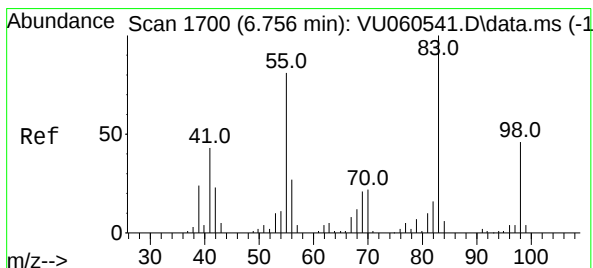
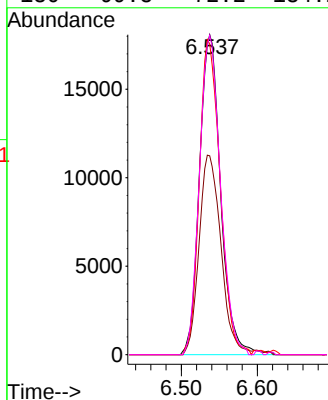
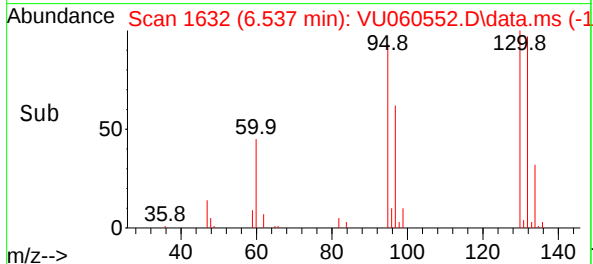


#34
Trichloroethene
Concen: 3.552 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

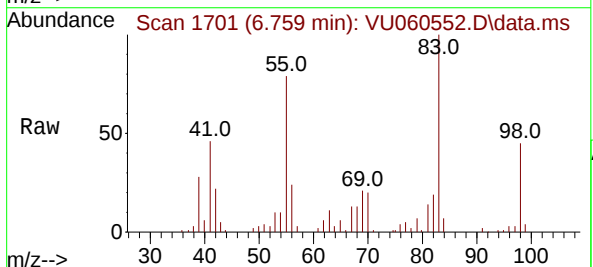
Instrument :
MSVOA_U
ClientSampleId :



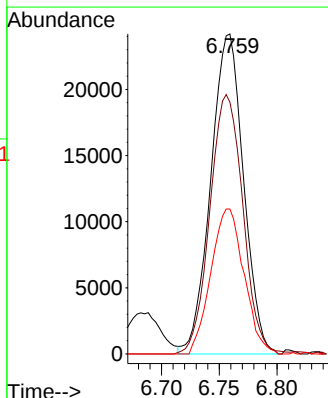
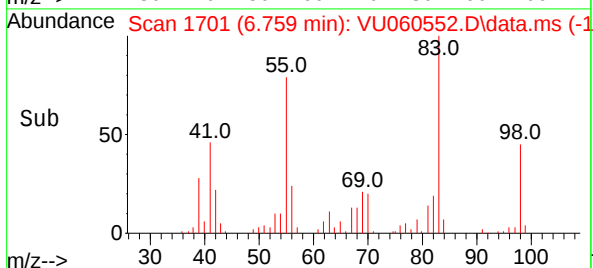
Tgt Ion: 95 Resp: 35105
Ion Ratio Lower Upper
95 100
97 62.2 45.8 85.2
132 97.1 67.4 125.2
130 99.8 72.2 134.2

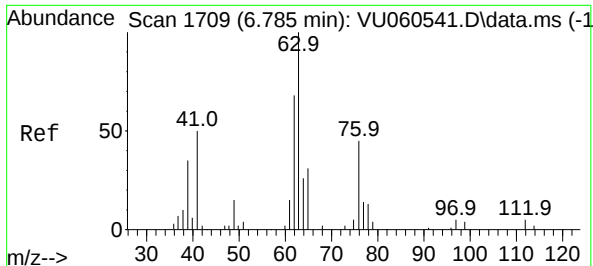


#35
Methylcyclohexane
Concen: 3.522 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52



Tgt Ion: 83 Resp: 47760
Ion Ratio Lower Upper
83 100
55 81.7 65.8 98.8
98 45.7 37.8 56.8

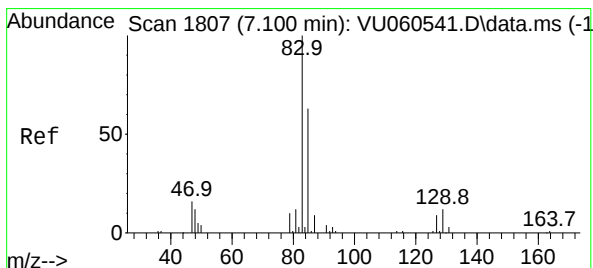
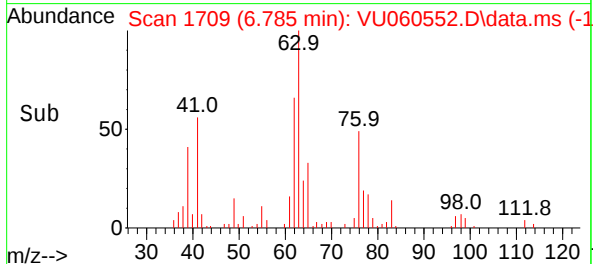
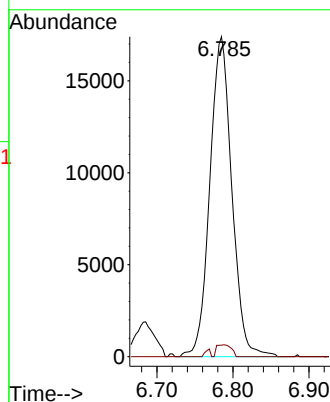
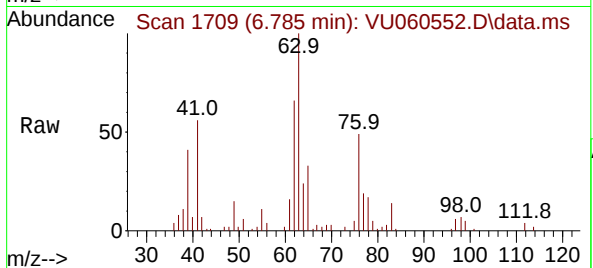




#37
1,2-Dichloropropane
Concen: 3.746 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

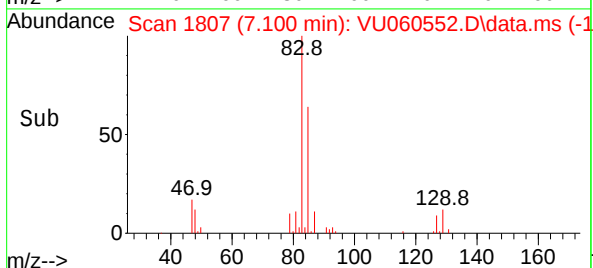
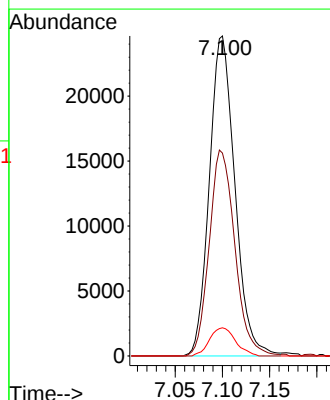
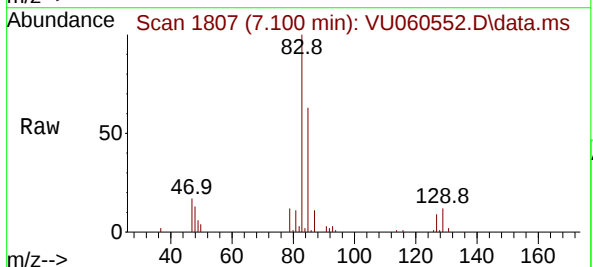
Instrument :
MSVOA_U
ClientSampleId :

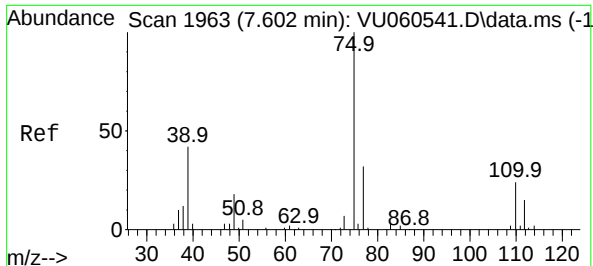
Tgt Ion: 63 Resp: 35000
Ion Ratio Lower Upper
63 100
112 2.5 2.3 3.5



#38
Bromodichloromethane
Concen: 3.770 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Tgt Ion: 83 Resp: 46277
Ion Ratio Lower Upper
83 100
85 63.4 44.9 83.5
127 8.8 7.3 10.9

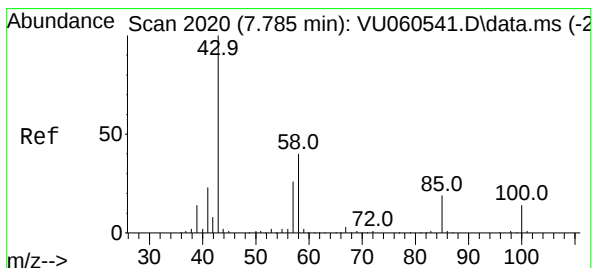
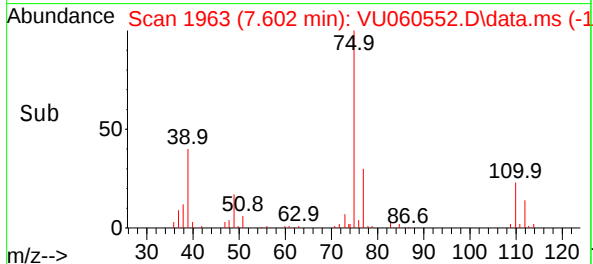
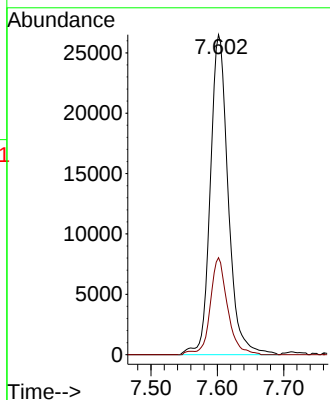
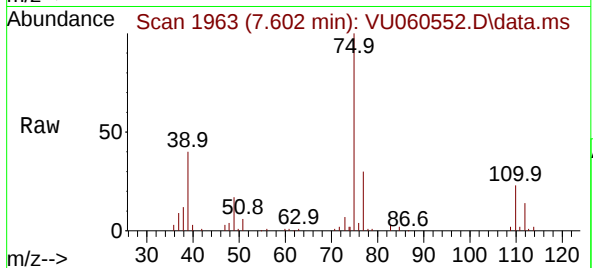




#39
 cis-1,3-Dichloropropene
 Concen: 3.623 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060552.D
 Acq: 26 Aug 2024 16:52

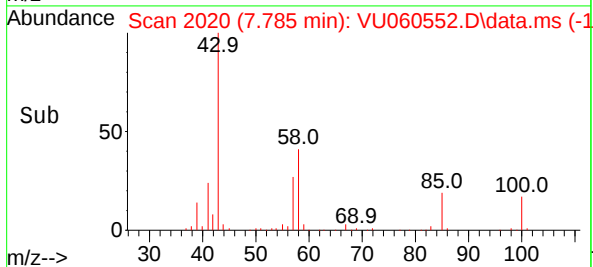
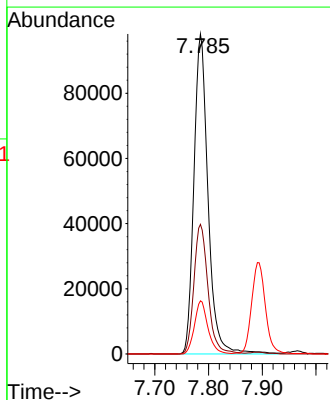
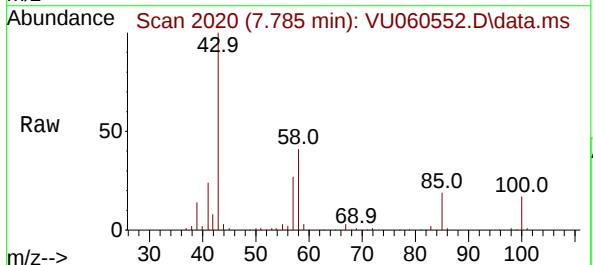
Instrument :
 MSVOA_U
 ClientSampleId :

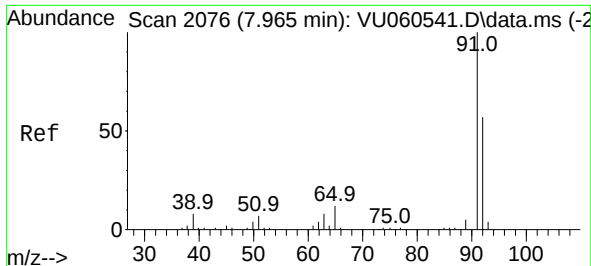
Tgt Ion: 75 Resp: 49629
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 36.806 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060552.D
 Acq: 26 Aug 2024 16:52

Tgt Ion: 43 Resp: 179090
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.5 48.7
 100 15.9 12.5 18.7





#42

Toluene

Concen: 3.733 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

Instrument :

MSVOA_U

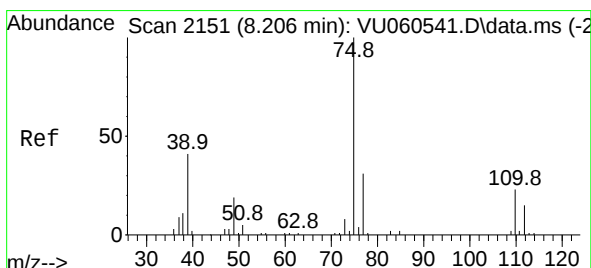
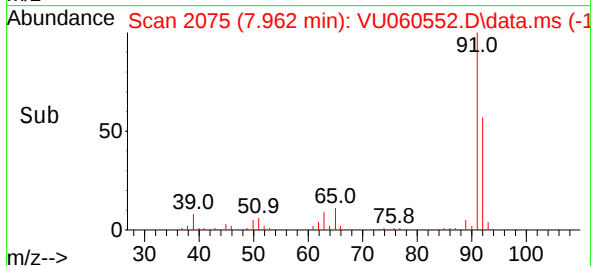
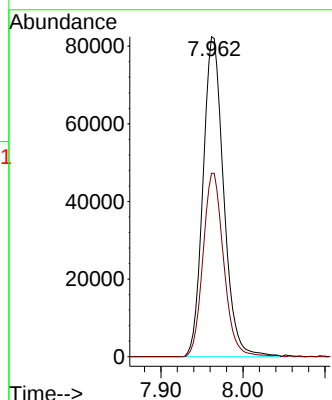
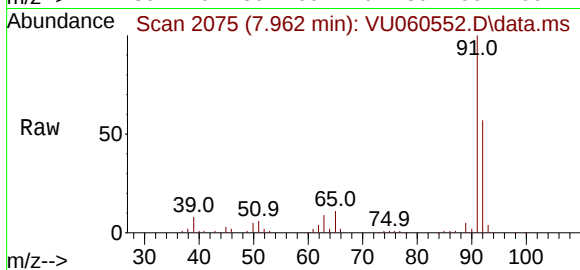
ClientSampleId :

Tgt Ion: 91 Resp: 143846

Ion Ratio Lower Upper

91 100

92 57.3 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 3.794 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060552.D

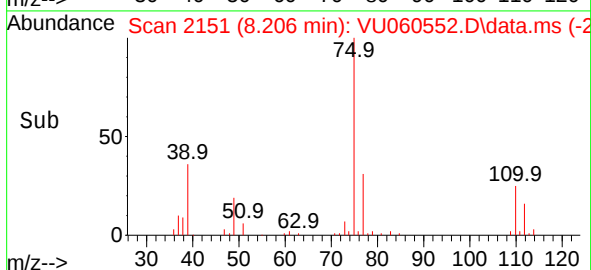
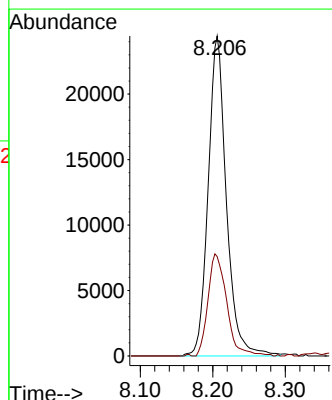
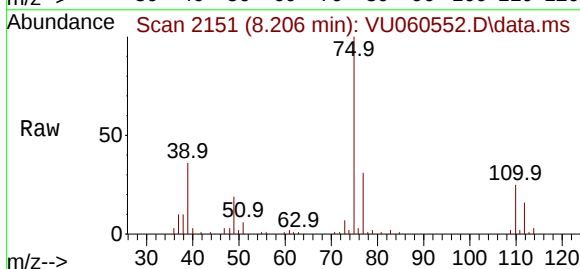
Acq: 26 Aug 2024 16:52

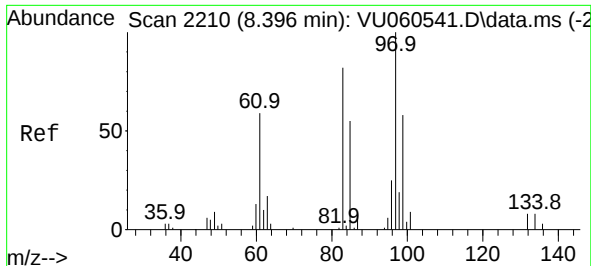
Tgt Ion: 75 Resp: 42667

Ion Ratio Lower Upper

75 100

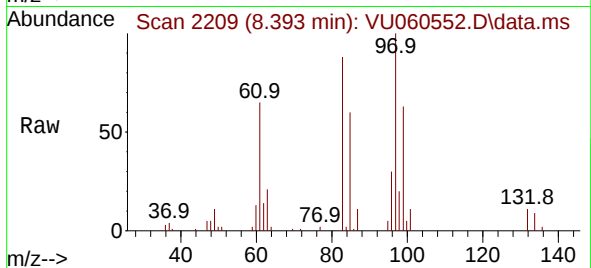
77 31.1 23.4 43.6



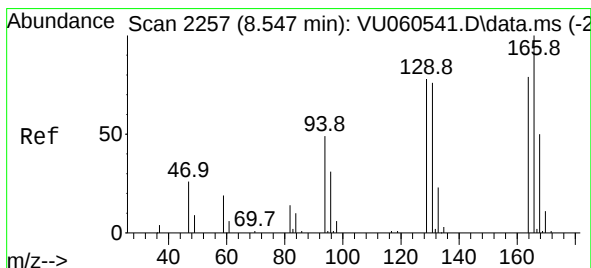
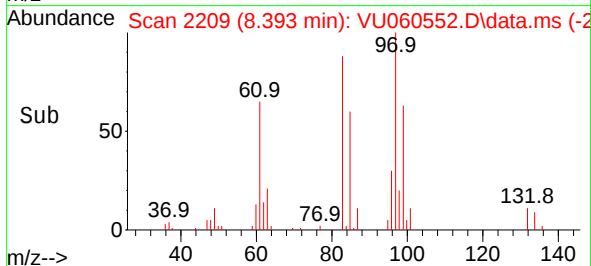
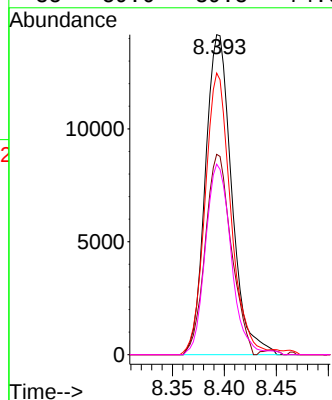


#45
1,1,2-Trichloroethane
Concen: 3.690 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Instrument :
MSVOA_U
ClientSampleId :

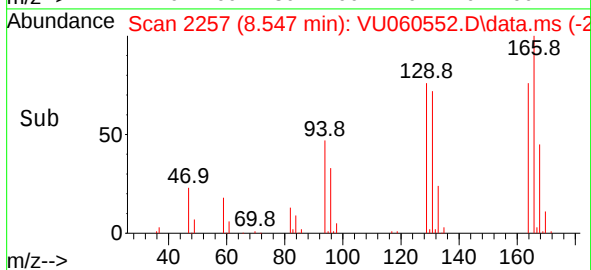
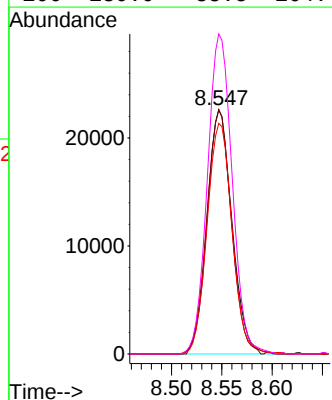
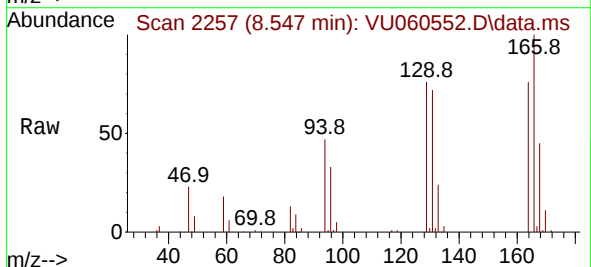


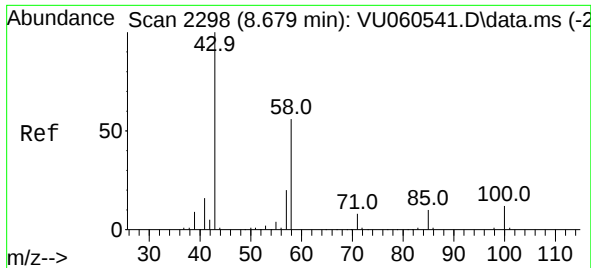
Tgt Ion:	97	Resp:	24972
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.4	78.8
83	88.0	64.0	119.0
85	59.6	39.8	74.0



#47
Tetrachloroethene
Concen: 4.807 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

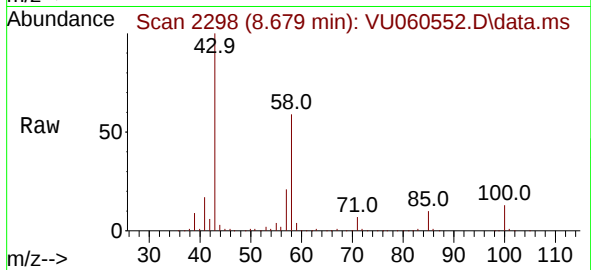
Tgt Ion:	164	Resp:	38939
Ion	Ratio	Lower	Upper
164	100		
129	99.9	67.8	125.8
131	94.3	67.2	124.8
166	130.9	88.5	164.4



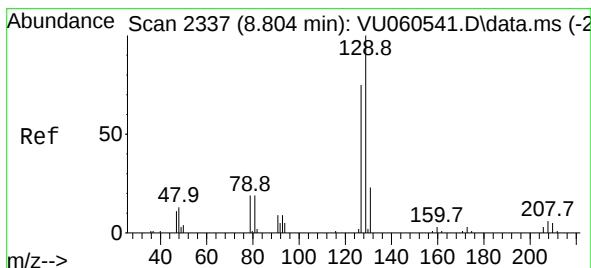
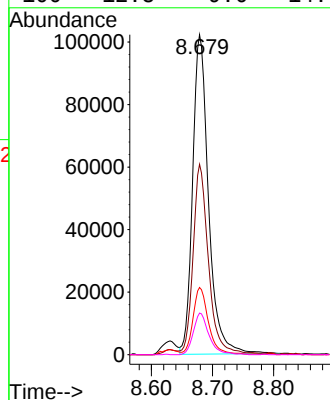
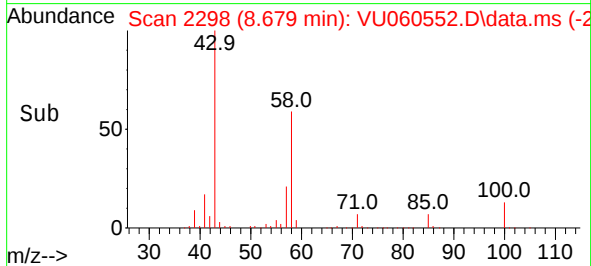


#48
2-Hexanone
Concen: 50.650 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Instrument :
MSVOA_U
ClientSampleId :

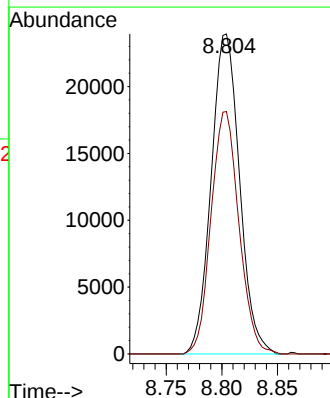
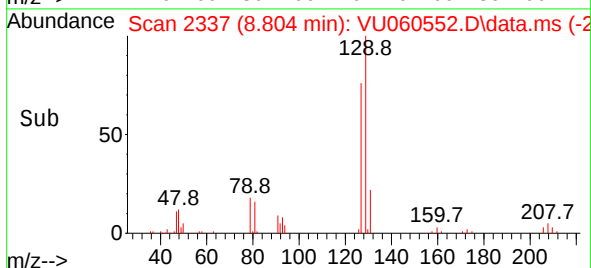
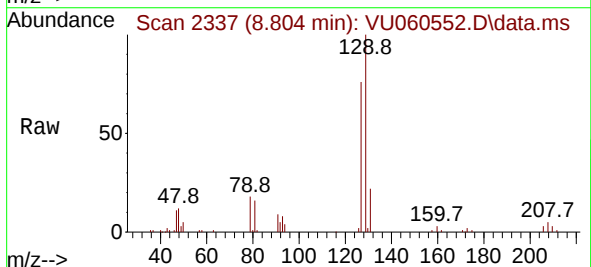


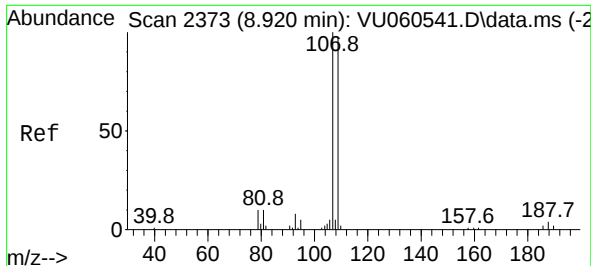
Tgt Ion: 43 Resp: 184441
Ion Ratio Lower Upper
43 100
58 56.2 45.6 68.4
57 20.1 15.6 23.4
100 12.8 9.6 14.4



#49
Dibromochloromethane
Concen: 5.422 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

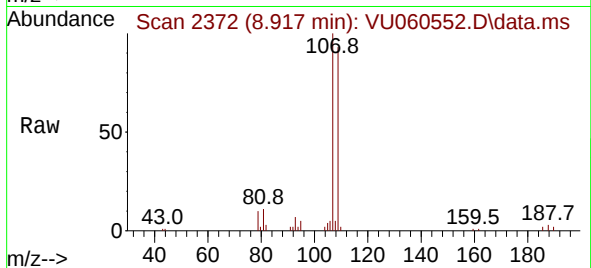
Tgt Ion: 129 Resp: 42487
Ion Ratio Lower Upper
129 100
127 75.8 53.0 98.4



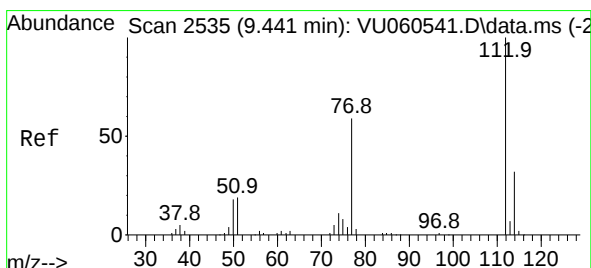
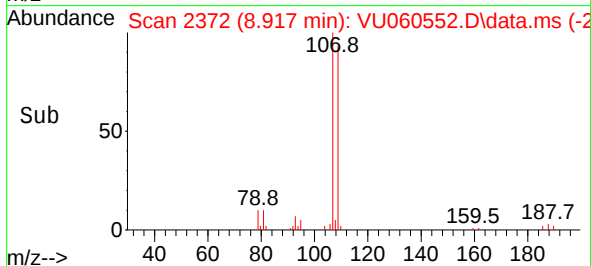
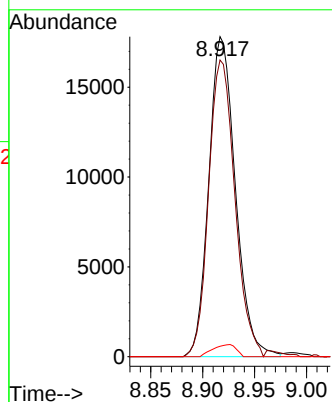


#50
1,2-Dibromoethane
Concen: 5.116 ug/L
RT: 8.917 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Instrument :
MSVOA_U
ClientSampleId :

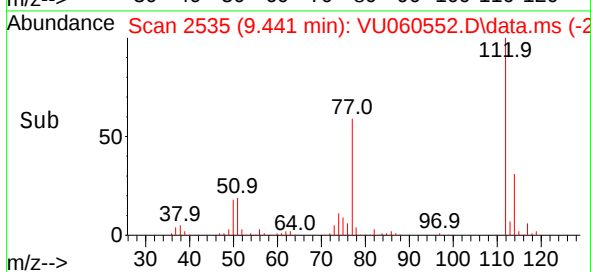
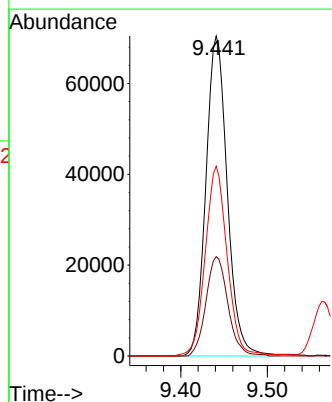
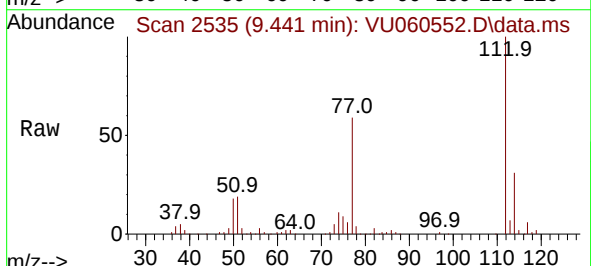


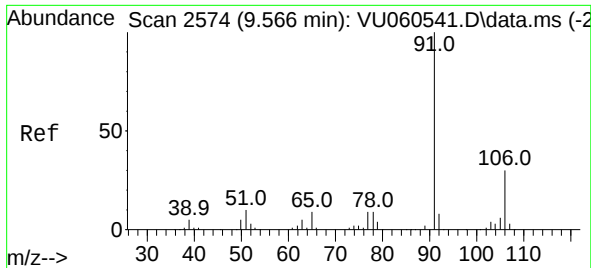
Tgt Ion:107 Resp: 31785
Ion Ratio Lower Upper
107 100
109 92.7 68.5 127.3
188 3.3 3.9 5.9#



#51
Chlorobenzene
Concen: 4.835 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Tgt Ion:112 Resp: 120606
Ion Ratio Lower Upper
112 100
114 31.1 21.9 40.7
77 59.3 47.4 71.2

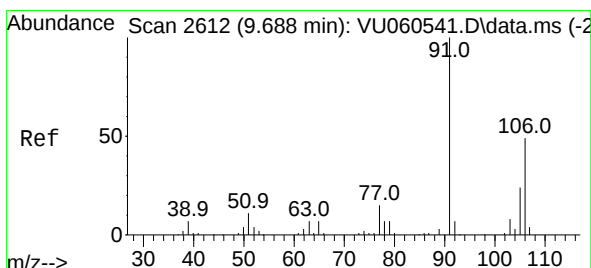
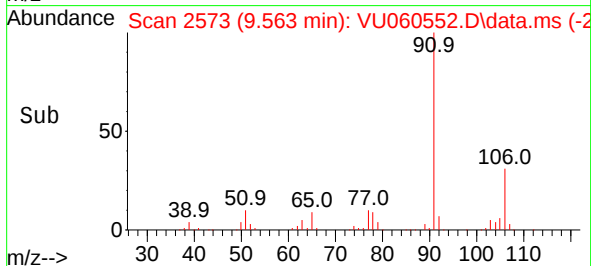
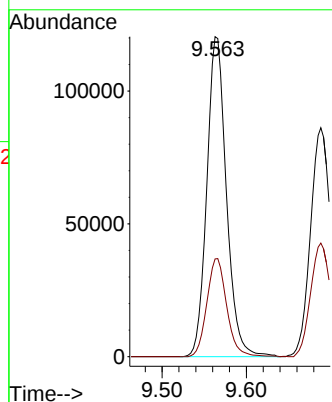
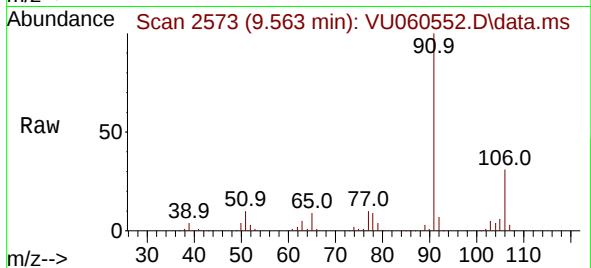




#52
Ethylbenzene
Concen: 4.771 ug/L
RT: 9.563 min Scan# 2574
Delta R.T. -0.003 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

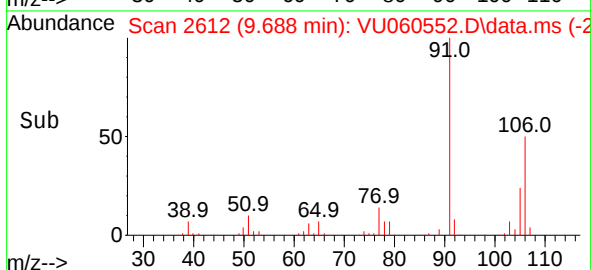
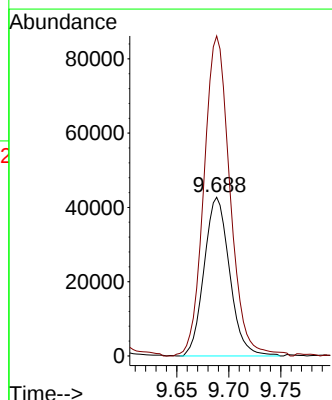
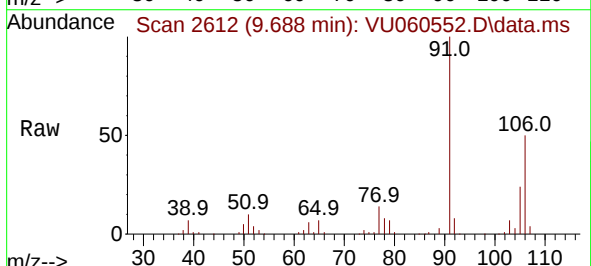
Instrument :
MSVOA_U
ClientSampleId :

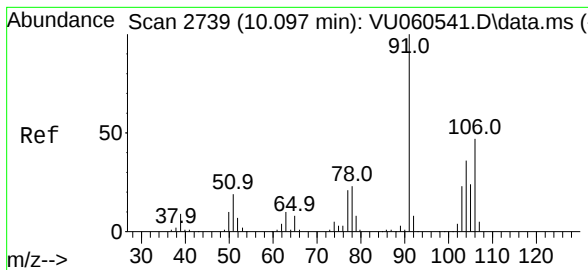
Tgt Ion: 91 Resp: 194811
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-Xylene
Concen: 4.804 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Tgt Ion:106 Resp: 72929
Ion Ratio Lower Upper
106 100
91 201.6 141.5 262.9

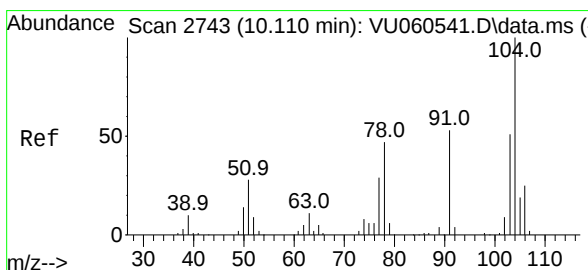
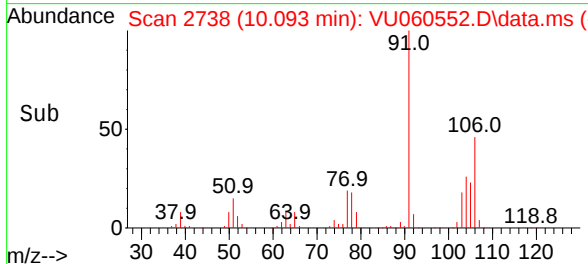
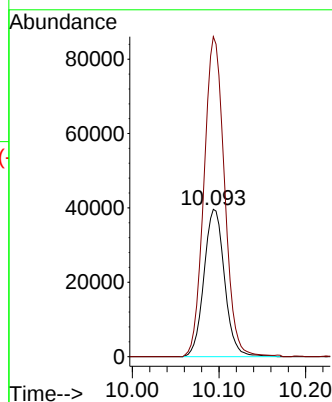
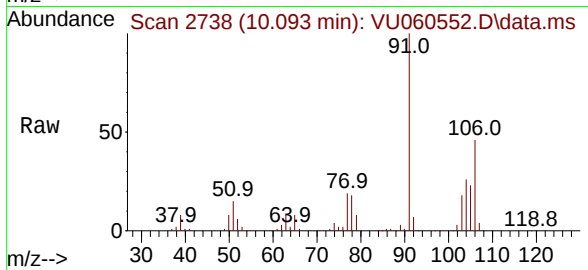




#54
o-Xylene
Concen: 4.222 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

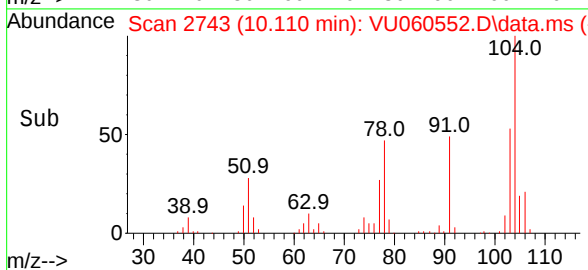
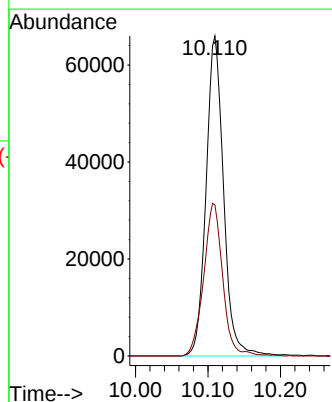
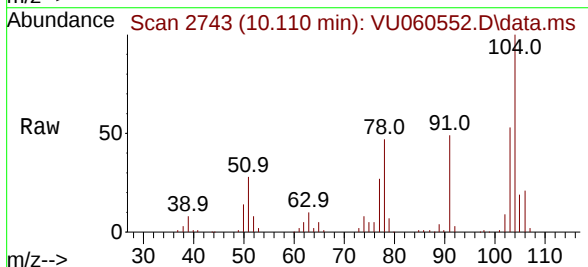
Instrument :
MSVOA_U
ClientSampleId :

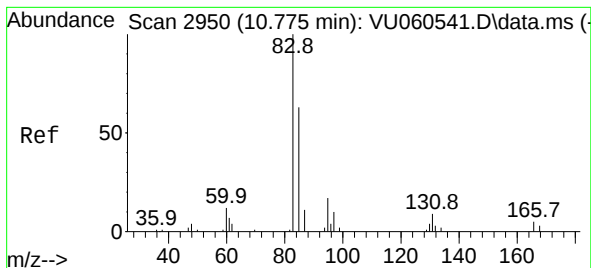
Tgt Ion:106 Resp: 65611
Ion Ratio Lower Upper
106 100
91 217.2 151.1 280.7



#55
Styrene
Concen: 4.346 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Tgt Ion:104 Resp: 110660
Ion Ratio Lower Upper
104 100
78 47.2 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 3.399 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

Instrument :

MSVOA_U

ClientSampleId :

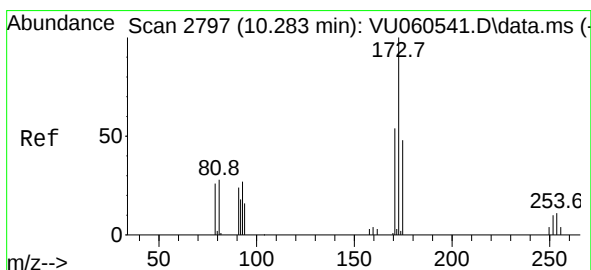
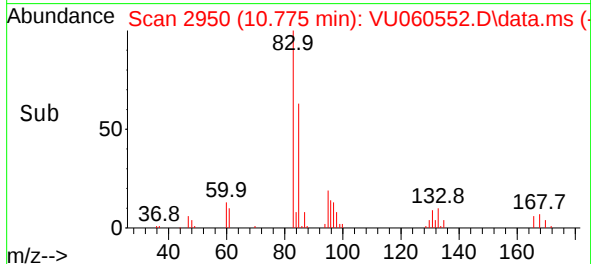
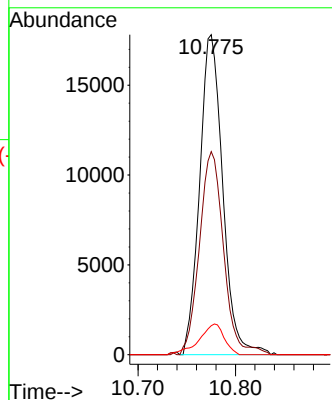
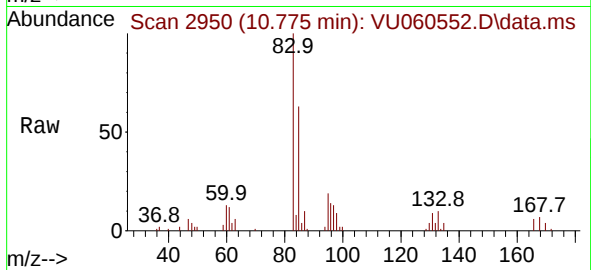
Tgt Ion: 83 Resp: 29374

Ion Ratio Lower Upper

83 100

85 63.5 43.3 80.5

131 9.1 8.9 13.3



#59

Bromoform

Concen: 5.057 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

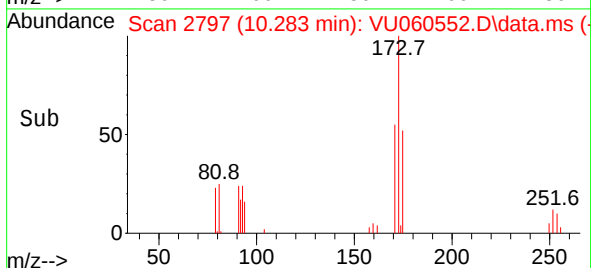
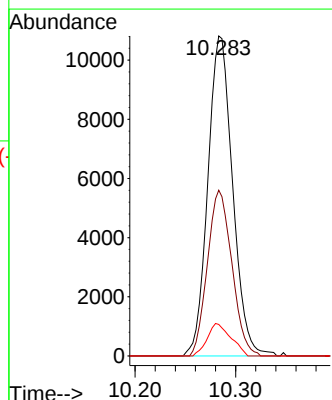
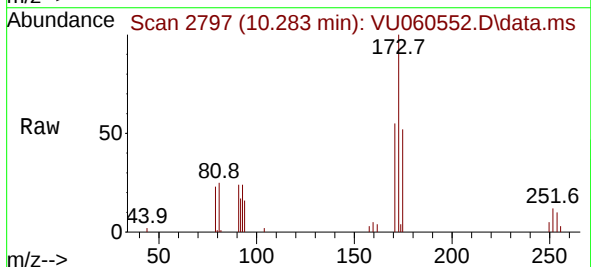
Tgt Ion:173 Resp: 18532

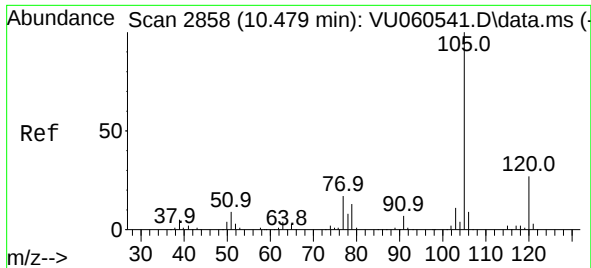
Ion Ratio Lower Upper

173 100

175 51.0 39.8 59.8

254 9.6 8.2 12.2

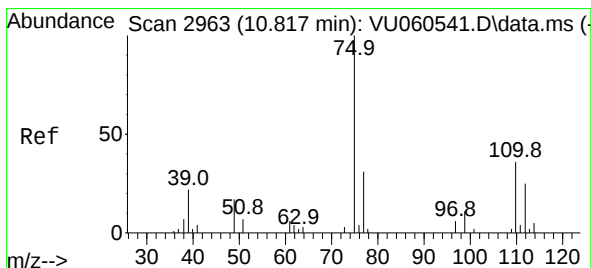
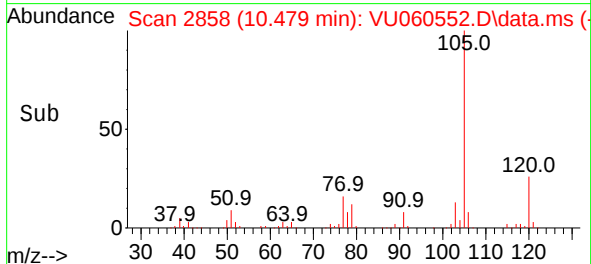
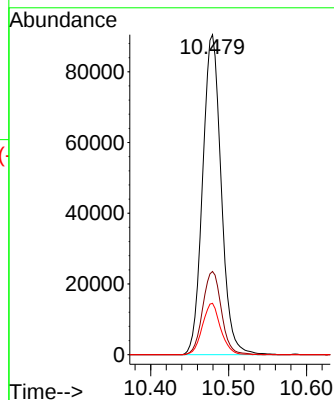
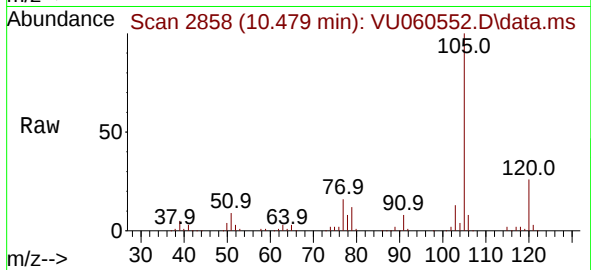




#60
Isopropylbenzene
Concen: 5.021 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

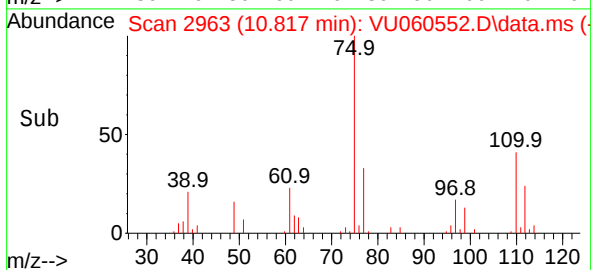
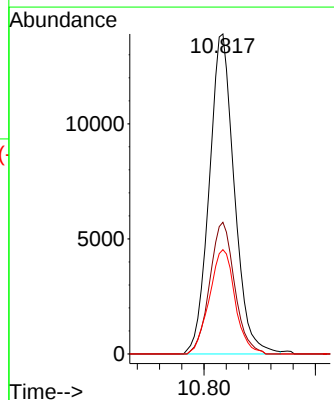
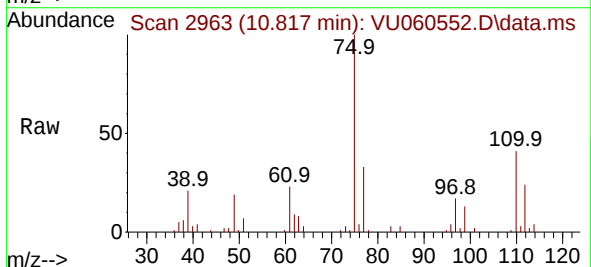
Instrument :
MSVOA_U
ClientSampleId :

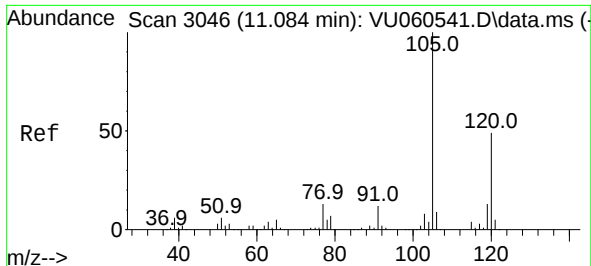
Tgt Ion:105 Resp: 149569
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 15.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.046 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Tgt Ion: 75 Resp: 21703
Ion Ratio Lower Upper
75 100
110 40.9 30.2 45.4
77 33.4 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.203 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

Instrument :

MSVOA_U

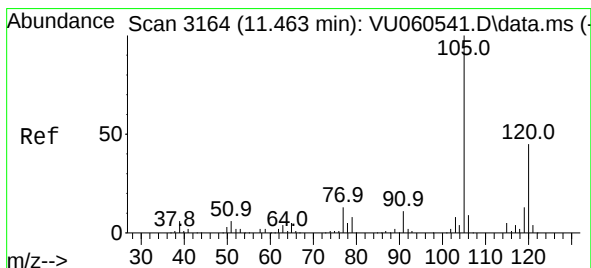
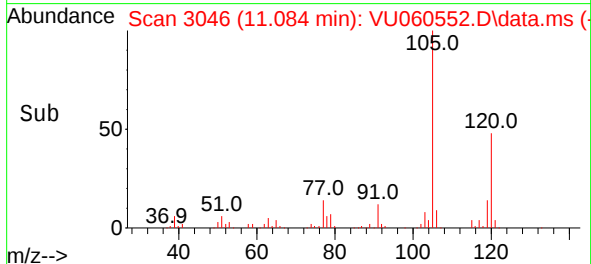
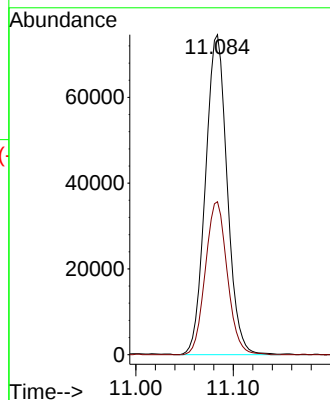
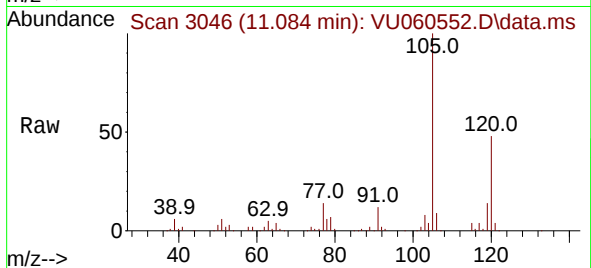
ClientSampleId :

Tgt Ion:105 Resp: 115512

Ion Ratio Lower Upper

105 100

120 48.2 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.137 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060552.D

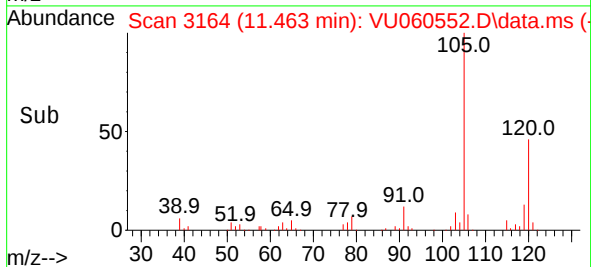
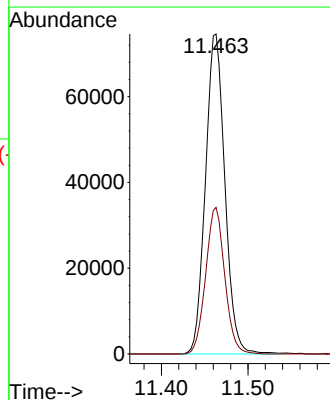
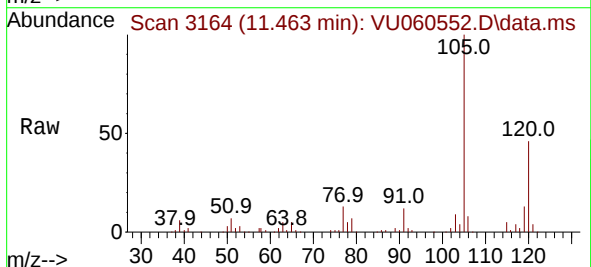
Acq: 26 Aug 2024 16:52

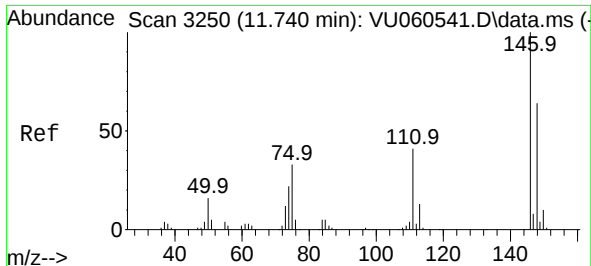
Tgt Ion:105 Resp: 116337

Ion Ratio Lower Upper

105 100

120 45.0 35.7 53.5

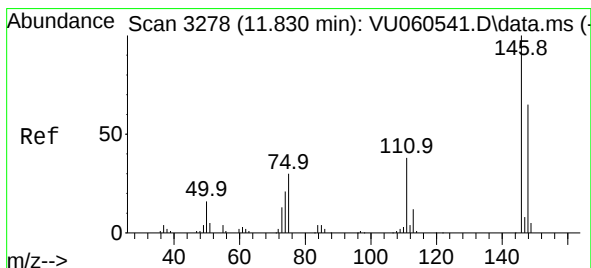
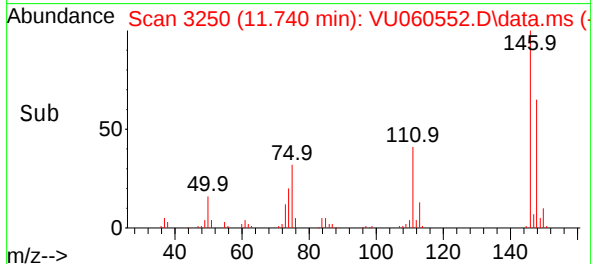
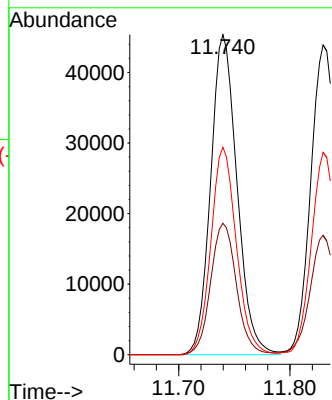
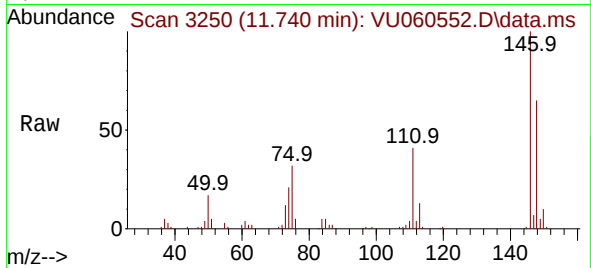




#64
1,3-Dichlorobenzene
Concen: 5.111 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

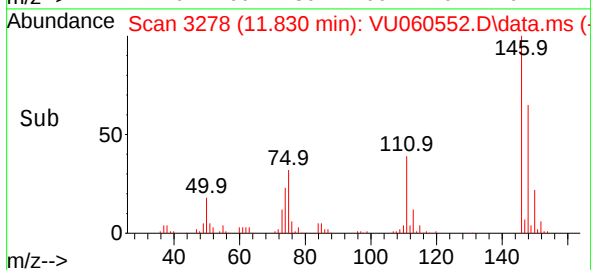
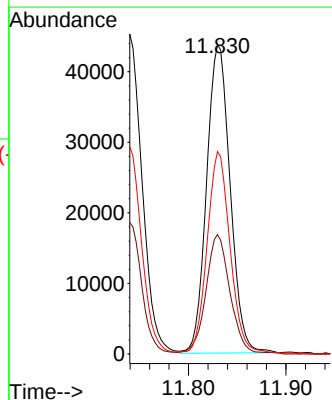
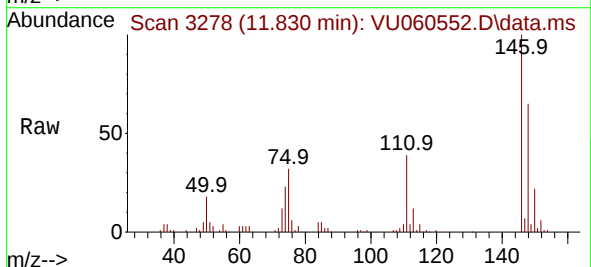
Instrument :
MSVOA_U
ClientSampleId :

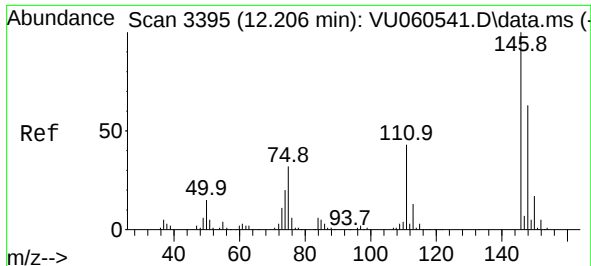
Tgt Ion:146 Resp: 74513
Ion Ratio Lower Upper
146 100
111 41.0 27.9 51.9
148 64.8 43.5 80.7



#65
1,4-Dichlorobenzene
Concen: 4.959 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

Tgt Ion:146 Resp: 73363
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 65.3 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 4.913 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

Instrument :

MSVOA_U

ClientSampleId :

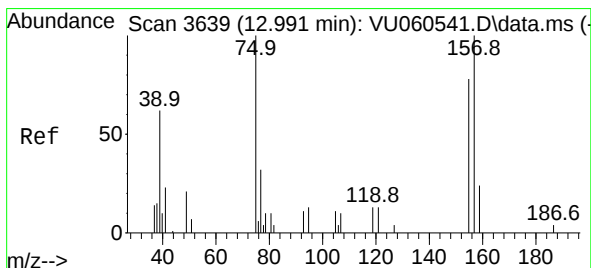
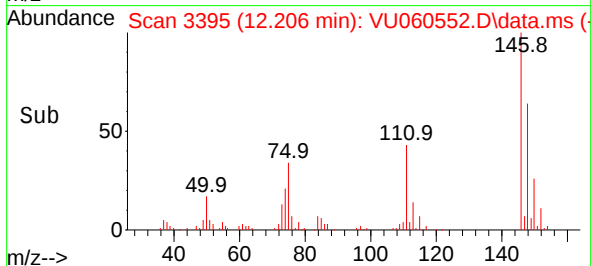
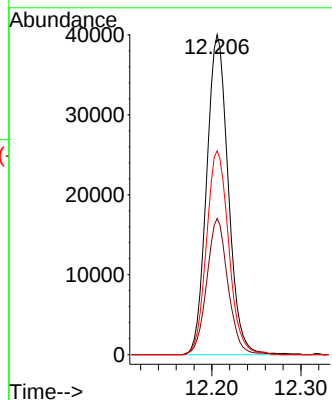
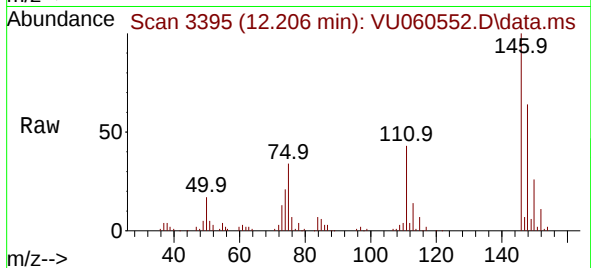
Tgt Ion:146 Resp: 67201

Ion Ratio Lower Upper

146 100

111 42.6 34.6 52.0

148 63.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.112 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

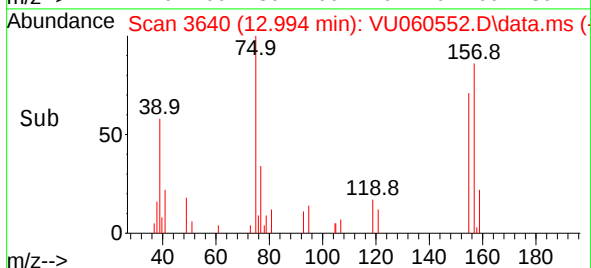
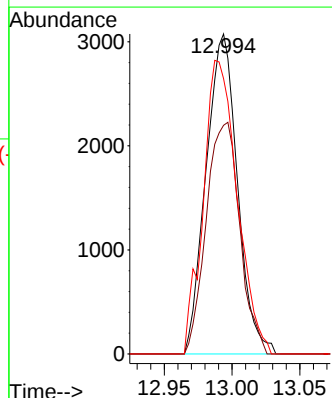
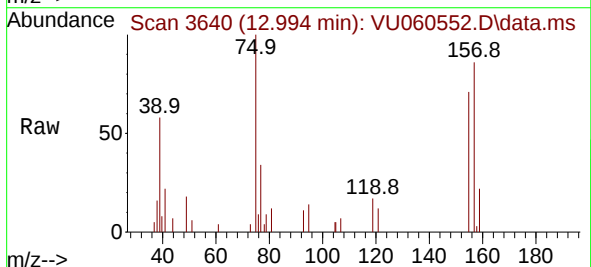
Tgt Ion: 75 Resp: 4963

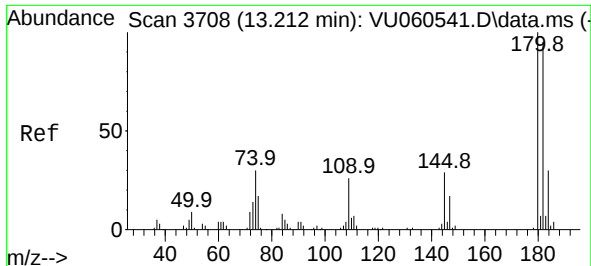
Ion Ratio Lower Upper

75 100

155 71.4 62.7 94.1

157 86.0 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 4.763 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

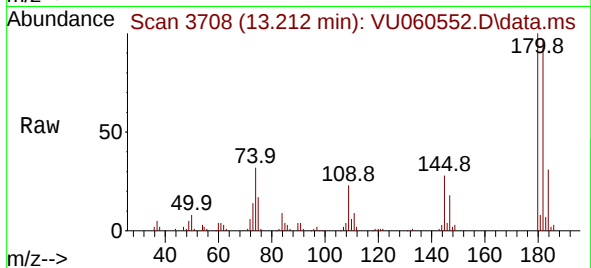
Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 53545

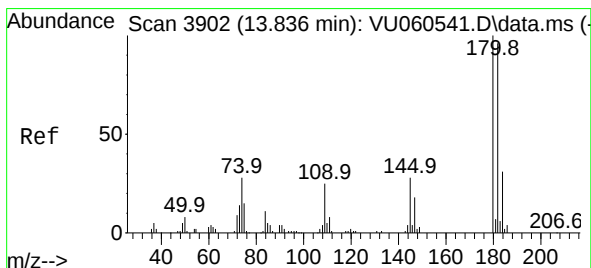
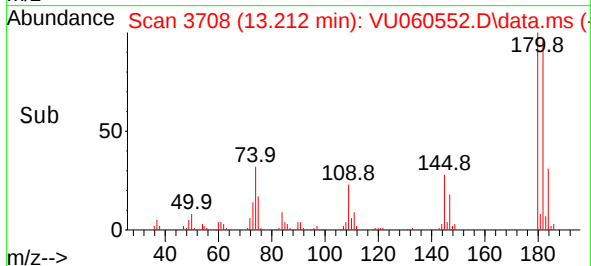
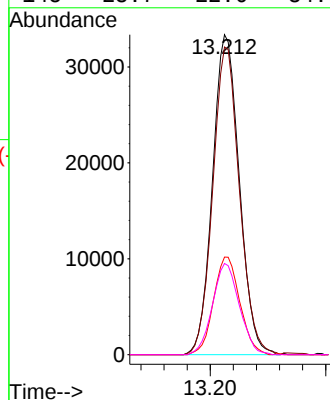
Ion Ratio Lower Upper

180 100

182 95.9 77.6 116.4

184 30.0 24.9 37.3

145 28.7 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.529 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU060552.D

Acq: 26 Aug 2024 16:52

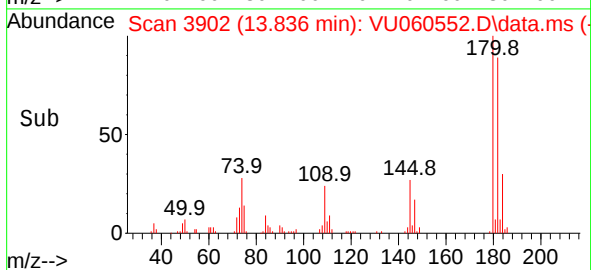
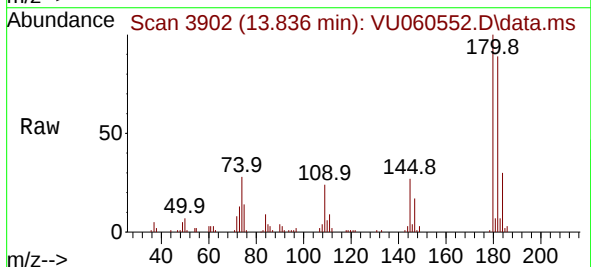
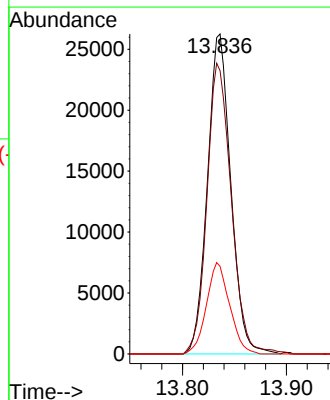
Tgt Ion:180 Resp: 41079

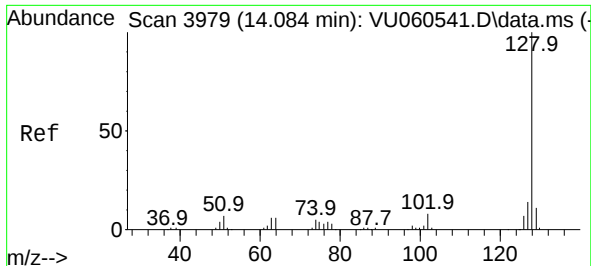
Ion Ratio Lower Upper

180 100

182 94.3 77.3 115.9

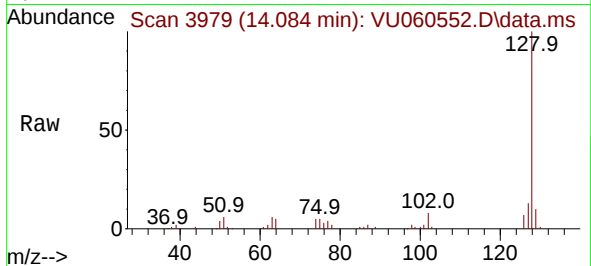
145 28.2 23.9 35.9



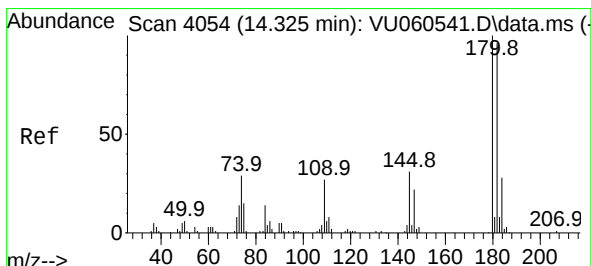
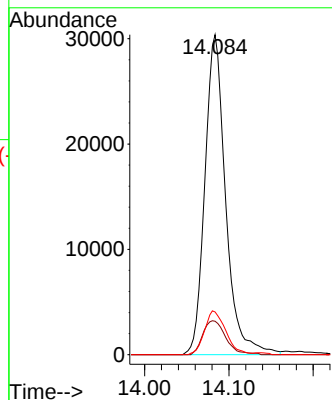
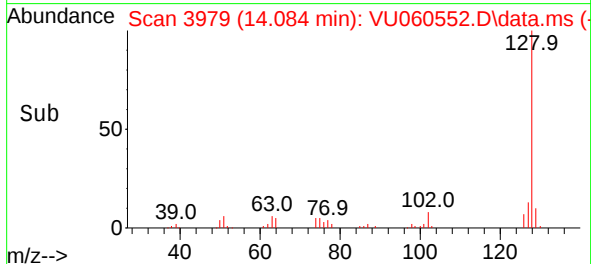


#71
Naphthalene
Concen: 4.505 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52

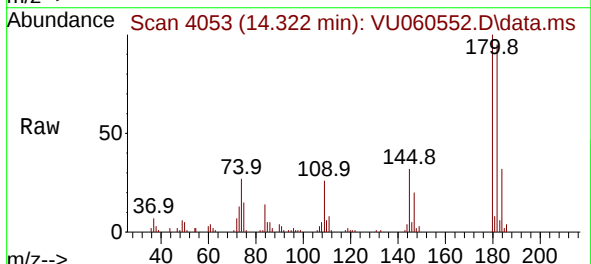
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 52196
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 14.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.771 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU060552.D
Acq: 26 Aug 2024 16:52



Tgt Ion:180 Resp: 36211
Ion Ratio Lower Upper
180 100
182 96.3 76.0 114.0
145 32.5 24.3 36.5

