

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081224\
 Data File : VU060400.D
 Acq On : 12 Aug 2024 12:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:16:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 05:58:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95436	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	98845	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51548	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28358	3.786	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.911	69	27438	4.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.560	65	12335	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.637	46	80462	50.610	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.220%
24) Chloroform-d	5.055	84	68677	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	32725	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	123918	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.682	67	39690	4.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.891	98	113127	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.177	79	14285	4.779	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	66296	49.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	35639	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	43348	4.565	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.383	85	27788	5.397	ug/L 98
3) Chloromethane	1.518	50	31756	4.959	ug/L 98
5) Vinyl chloride	1.602	62	36502	4.869	ug/L 97
6) Bromomethane	1.856	94	25529	4.808	ug/L 97
8) Chloroethane	1.930	64	24635	4.844	ug/L 96
9) Trichlorofluoromethane	2.133	101	59331	5.645	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	35055	5.061	ug/L 99
12) 1,1-Dichloroethene	2.573	96	32306	5.134	ug/L 90
13) Acetone	2.653	43	51724	47.643	ug/L 93
14) Carbon disulfide	2.785	76	73998	4.661	ug/L 98
15) Methyl Acetate	2.959	43	13350	5.935	ug/L 92
16) Methylene chloride	3.039	84	39785	4.448	ug/L 99
17) Methyl tert-butyl Ether	3.358	73	79761	5.376	ug/L 97
18) trans-1,2-Dichloroethene	3.348	96	31194	5.053	ug/L 97
19) 1,1-Dichloroethane	3.862	63	68581	5.381	ug/L 99
21) 2-Butanone	4.718	43	83903	51.853	ug/L 92
22) cis-1,2-Dichloroethene	4.657	96	39131	5.251	ug/L 96
23) Bromochloromethane	4.972	128	17557	5.105	ug/L 95
25) Chloroform	5.078	83	74079	5.343	ug/L 99

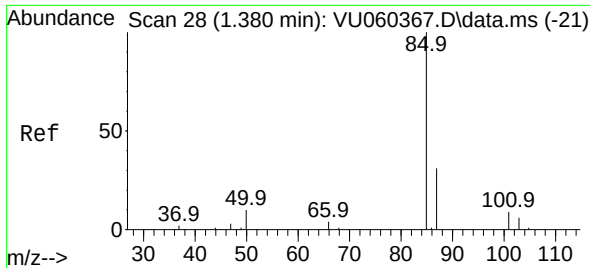
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081224\
 Data File : VU060400.D
 Acq On : 12 Aug 2024 12:03
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 Sample : VSTDCCC005
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:16:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 05:58:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	42502	5.764	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	59149	5.466	ug/L	98
30) Cyclohexane	5.380	56	43661	4.984	ug/L	97
31) Carbon tetrachloride	5.515	117	52150	5.499	ug/L	97
33) Benzene	5.766	78	148898	5.232	ug/L	100
34) Trichloroethene	6.537	95	38669	5.191	ug/L	99
35) Methylcyclohexane	6.756	83	49004	5.038	ug/L	99
37) 1,2-Dichloropropane	6.785	63	42265	5.457	ug/L	99
38) Bromodichloromethane	7.097	83	51119	5.340	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	54747	5.204	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	207190	57.308	ug/L	98
42) Toluene	7.962	91	163529	5.438	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	47659	5.484	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	30745	5.183	ug/L	96
47) Tetrachloroethene	8.547	164	29103	4.995	ug/L	97
48) 2-Hexanone	8.679	43	154425	56.344	ug/L	96
49) Dibromochloromethane	8.801	129	35014	5.551	ug/L	97
50) 1,2-Dibromoethane	8.917	107	28324	5.364	ug/L	100
51) Chlorobenzene	9.441	112	106068	5.228	ug/L	97
52) Ethylbenzene	9.563	91	164613	5.196	ug/L	98
53) m,p-Xylene	9.688	106	63983	5.314	ug/L	97
54) o-Xylene	10.094	106	63262	5.491	ug/L	99
55) Styrene	10.110	104	110949	5.565	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	38934	5.278	ug/L	96
59) Bromoform	10.283	173	20723	5.294	ug/L	98
60) Isopropylbenzene	10.476	105	168842	5.425	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	26542	5.318	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	128433	5.360	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	130890	5.543	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	84746	5.342	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	84780	5.302	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	81240	5.424	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5430	5.804	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	59395	4.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	44798	4.760	ug/L	99
71) Naphthalene	14.084	128	62012	4.634	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	39512	4.686	ug/L	98

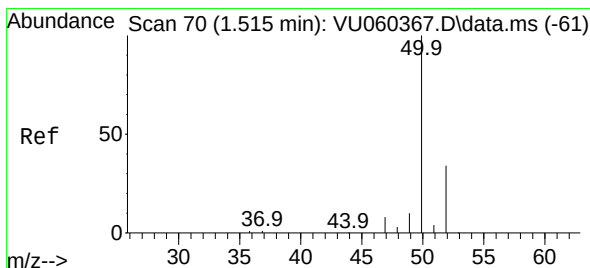
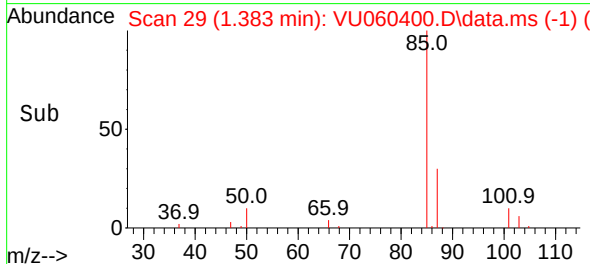
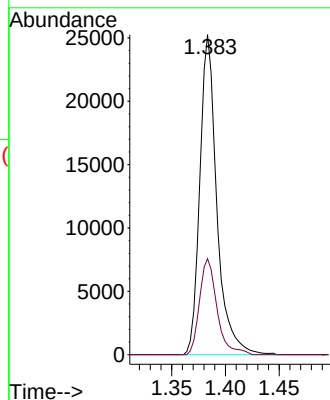
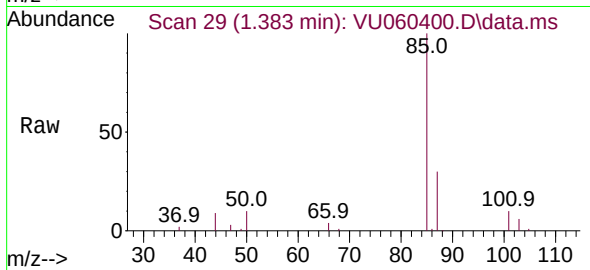
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.397 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU060400.D
 Acq: 12 Aug 2024 12:03

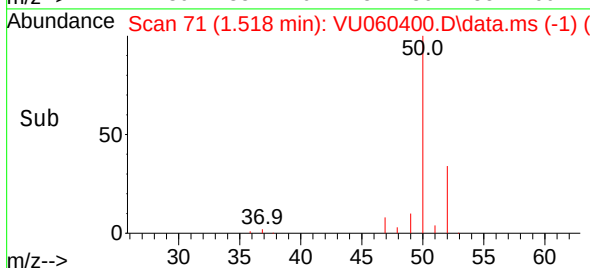
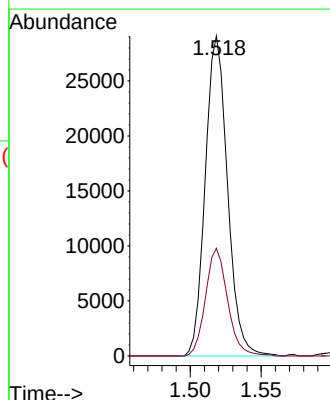
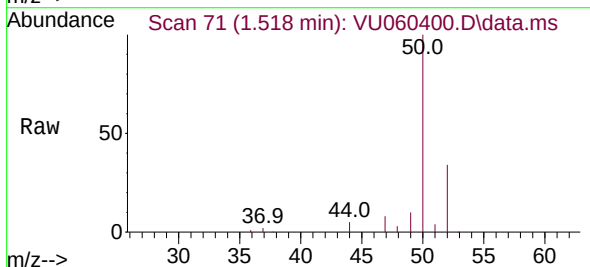
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 MSVOA_U
 ClientSampleId :

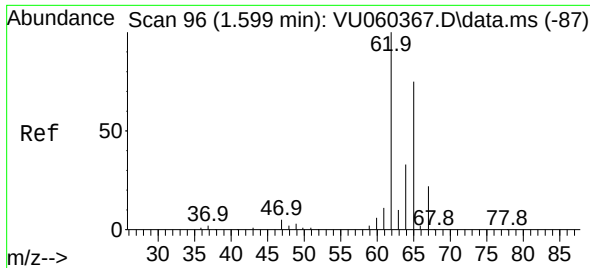
Tgt Ion: 85 Resp: 27788
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.7 38.5



#3
 Chloromethane
 Concen: 4.959 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060400.D
 Acq: 12 Aug 2024 12:03

Tgt Ion: 50 Resp: 31756
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.8 42.4

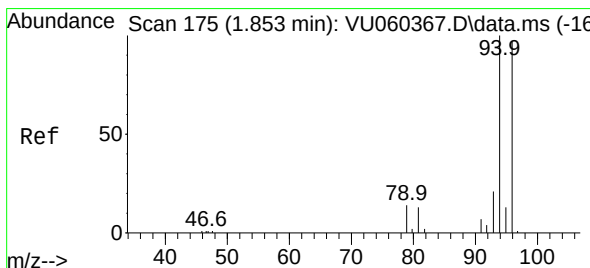
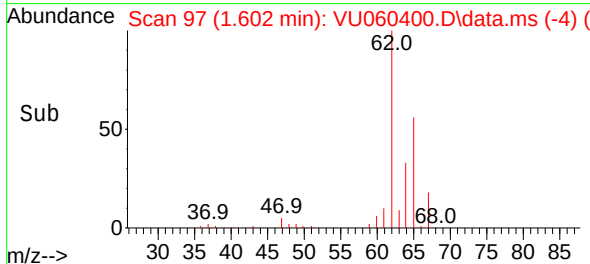
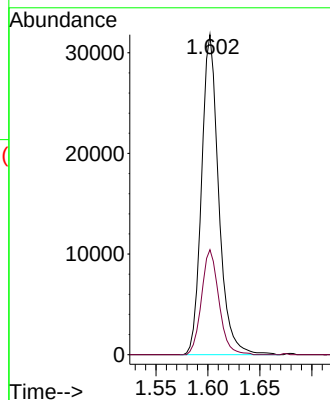
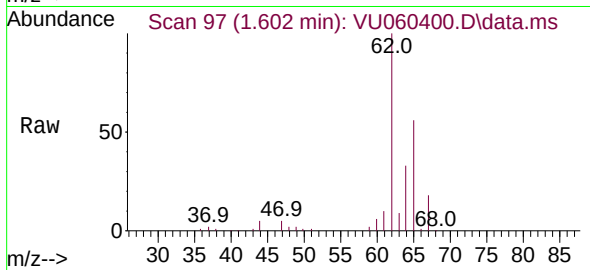




#5
 Vinyl chloride
 Concen: 4.869 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060400.D
 Acq: 12 Aug 2024 12:03

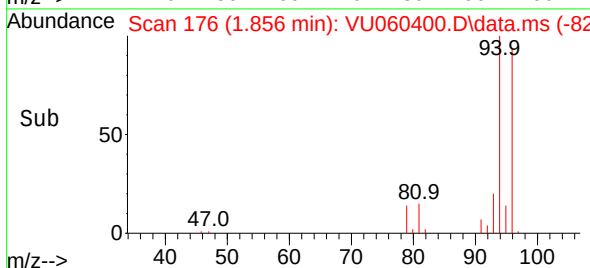
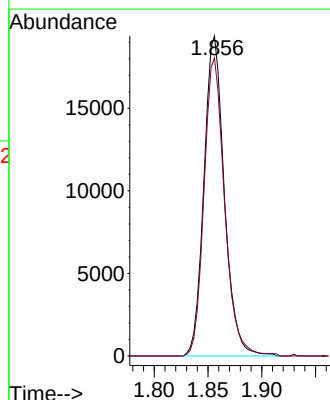
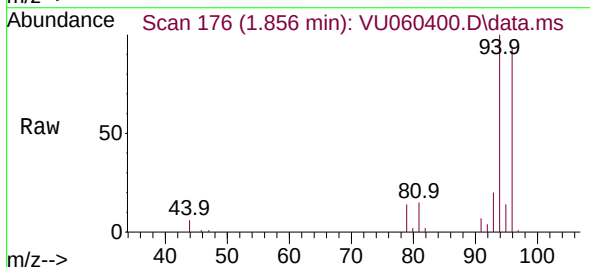
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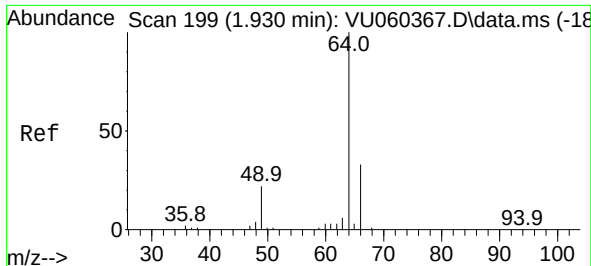
Tgt Ion: 62 Resp: 36502
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.1 44.7



#6
 Bromomethane
 Concen: 4.808 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU060400.D
 Acq: 12 Aug 2024 12:03

Tgt Ion: 94 Resp: 25529
 Ion Ratio Lower Upper
 94 100
 96 93.1 63.2 117.4

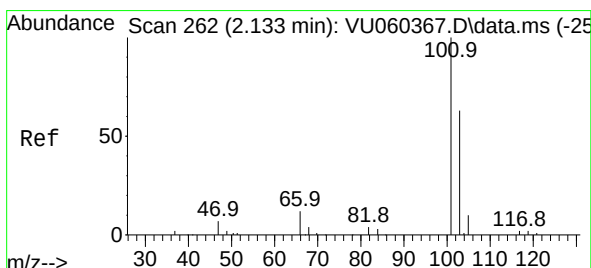
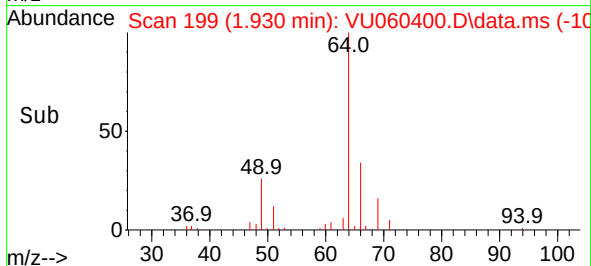
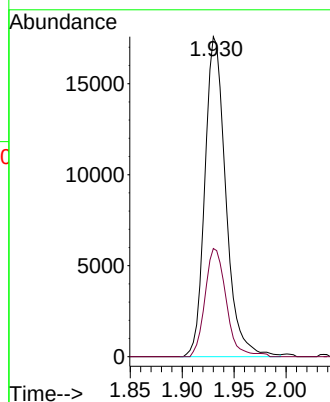
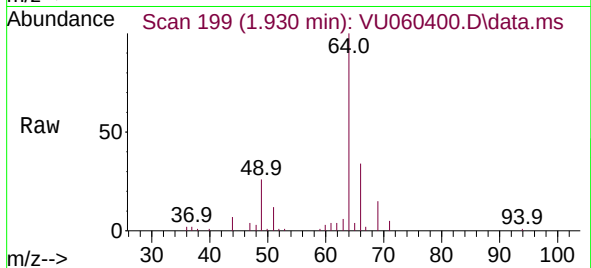




#8
Chloroethane
Concen: 4.844 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

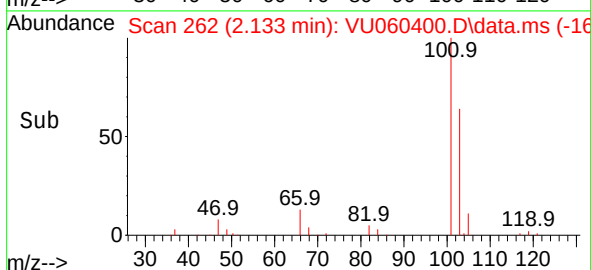
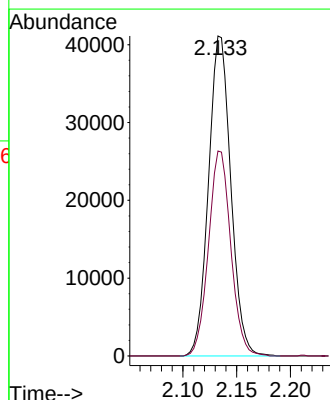
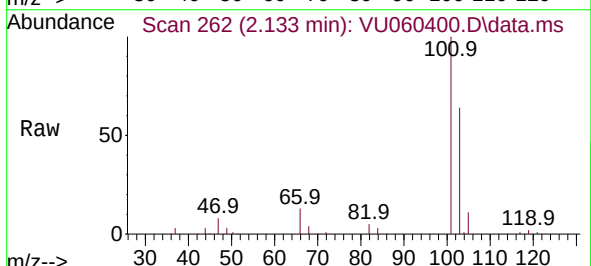
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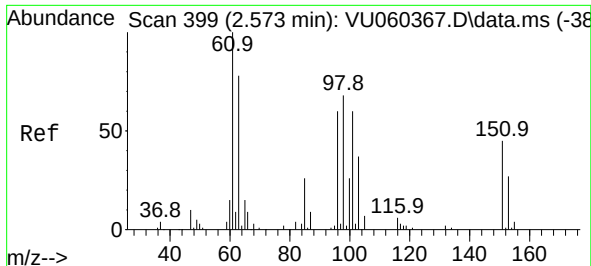
Tgt Ion: 64 Resp: 24635
Ion Ratio Lower Upper
64 100
66 33.8 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.645 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion:101 Resp: 59331
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5

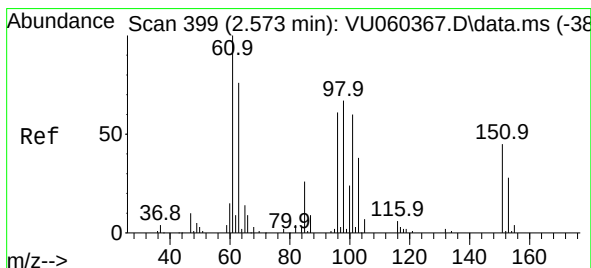
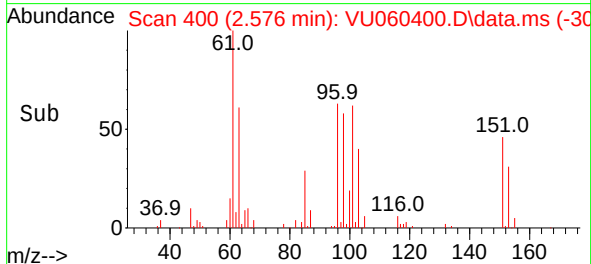
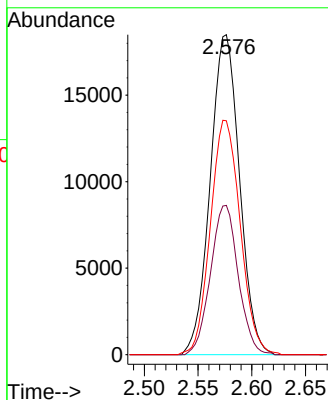
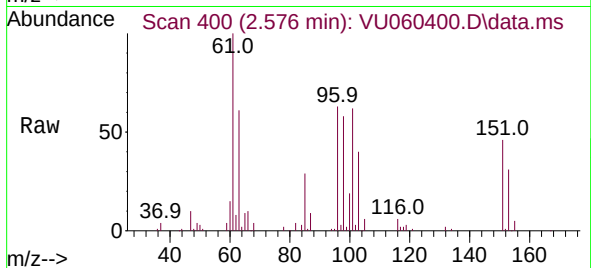




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.061 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060400.D
 Acq: 12 Aug 2024 12:03

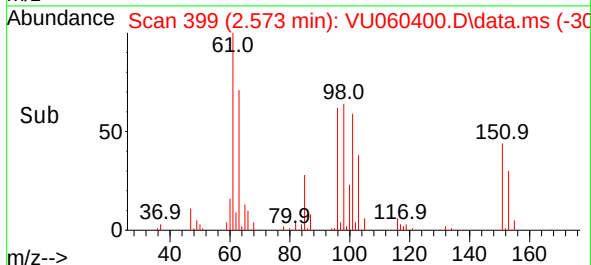
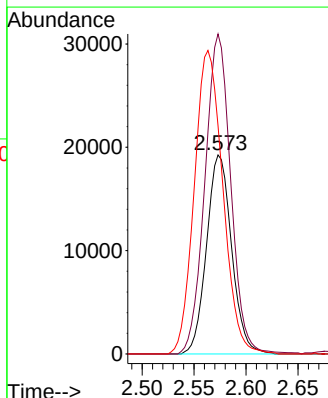
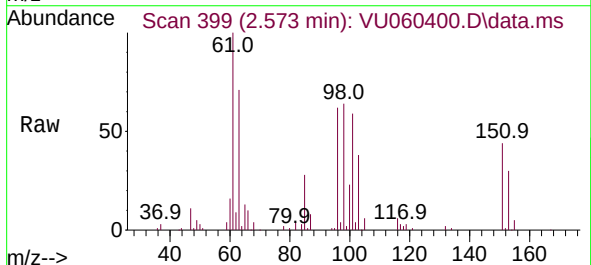
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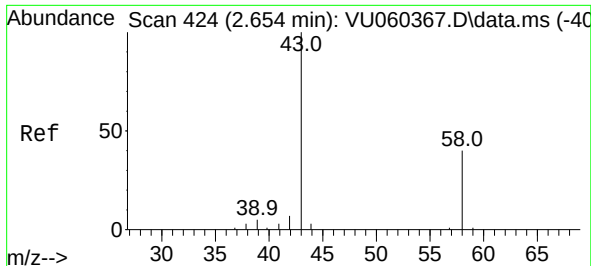
Tgt Ion:101 Resp: 35055
 Ion Ratio Lower Upper
 101 100
 85 44.2 33.5 50.3
 151 74.6 59.7 89.5



#12
 1,1-Dichloroethene
 Concen: 5.134 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060400.D
 Acq: 12 Aug 2024 12:03

Tgt Ion: 96 Resp: 32306
 Ion Ratio Lower Upper
 96 100
 61 160.8 114.4 212.4
 63 114.7 96.0 178.4





#13

Acetone

Concen: 47.643 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

Instrument :

MSVOA_U

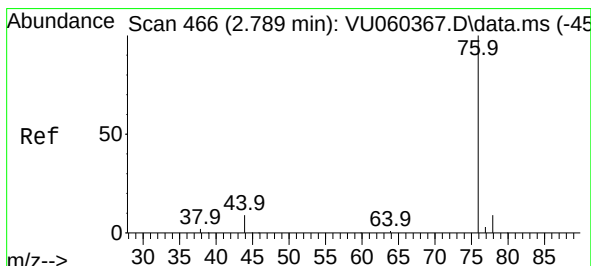
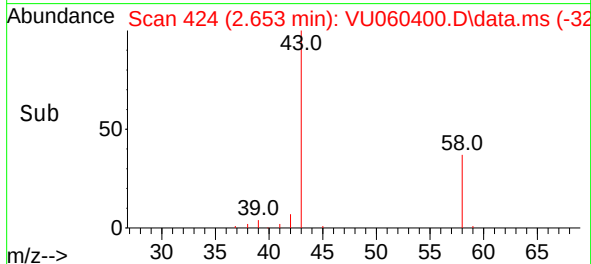
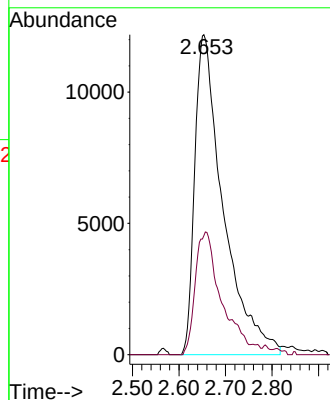
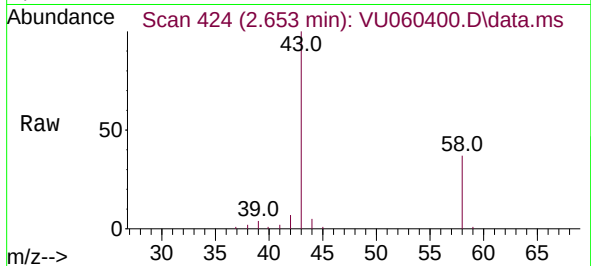
ClientSampleId :

Tgt Ion: 43 Resp: 51724

Ion Ratio Lower Upper

43 100

58 34.9 0.0 78.8



#14

Carbon disulfide

Concen: 4.661 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU060400.D

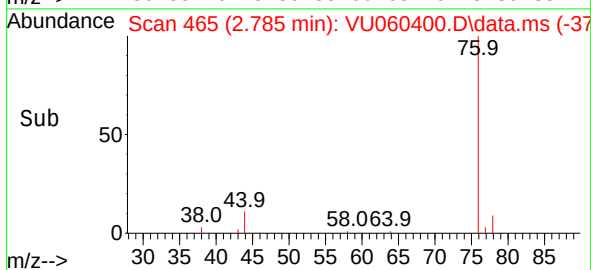
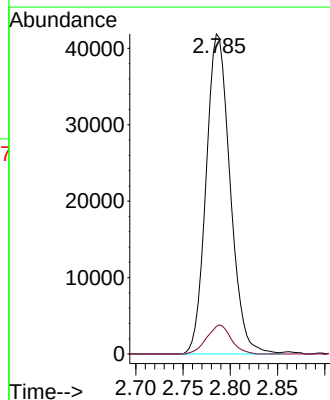
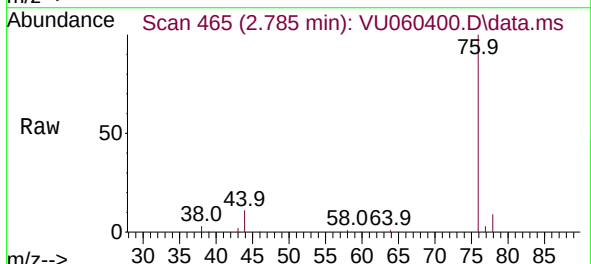
Acq: 12 Aug 2024 12:03

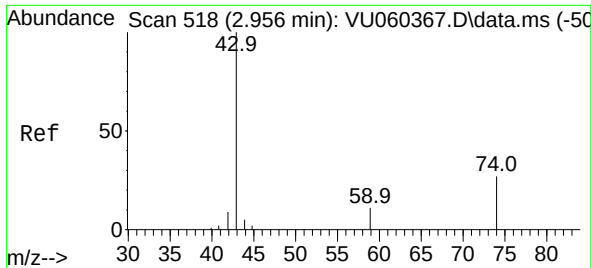
Tgt Ion: 76 Resp: 73998

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0





#15

Methyl Acetate

Concen: 5.935 ug/L

RT: 2.959 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

Instrument :

MSVOA_U

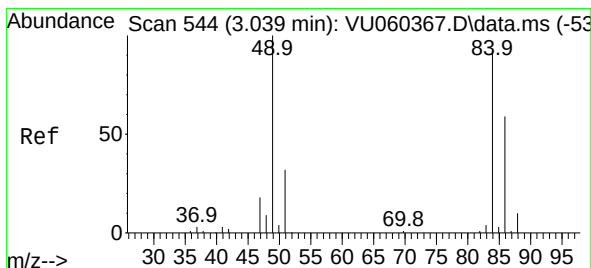
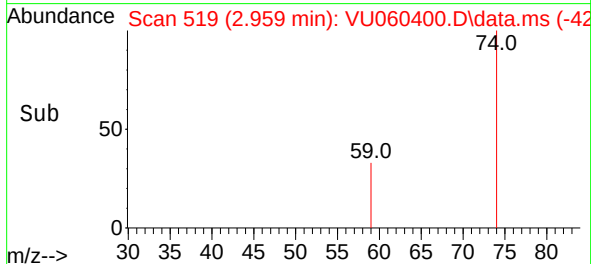
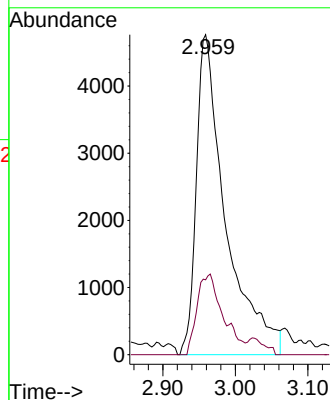
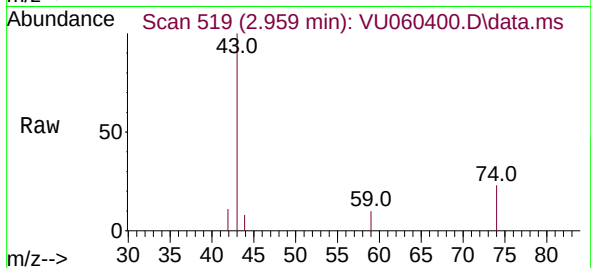
ClientSampleId :

Tgt Ion: 43 Resp: 13350

Ion Ratio Lower Upper

43 100

74 22.5 21.3 31.9



#16

Methylene chloride

Concen: 4.448 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

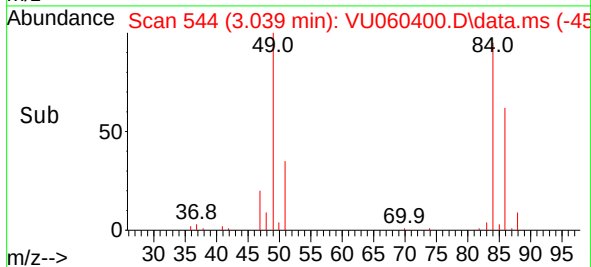
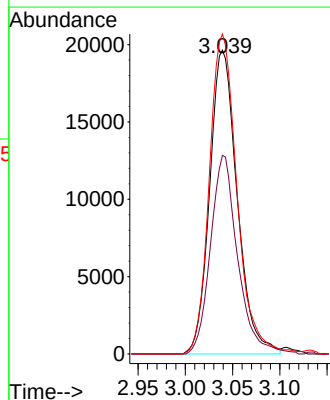
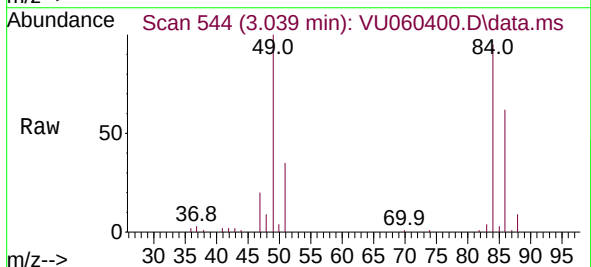
Tgt Ion: 84 Resp: 39785

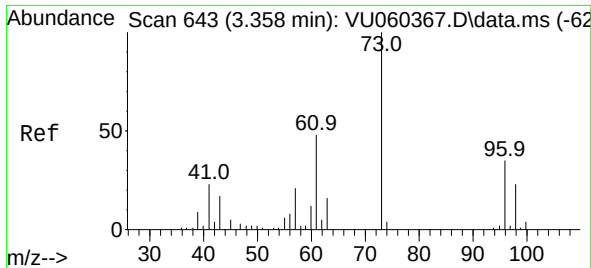
Ion Ratio Lower Upper

84 100

86 65.4 47.1 87.5

49 105.3 73.9 137.3

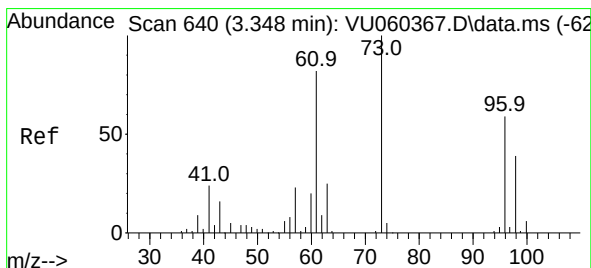
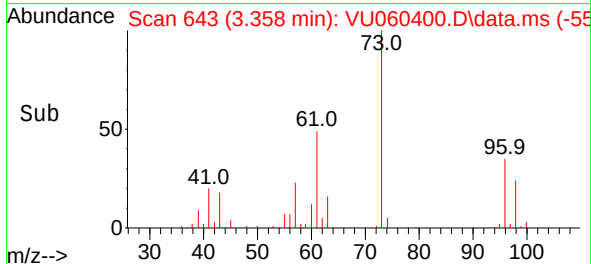
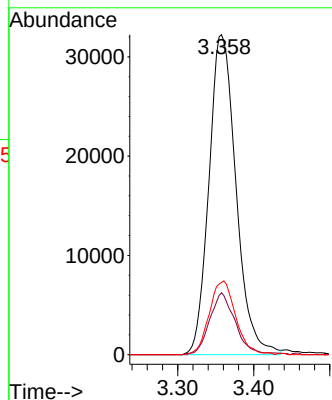
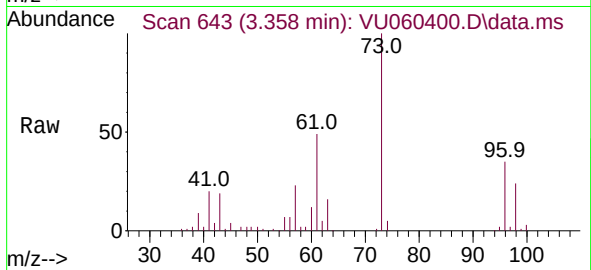




#17
Methyl tert-butyl Ether
Concen: 5.376 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

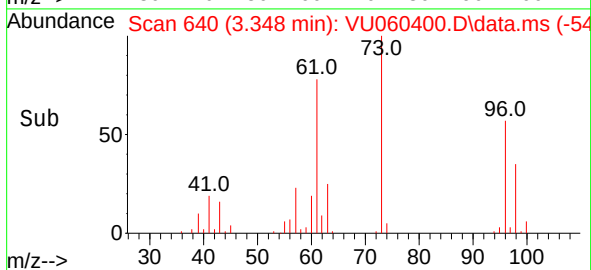
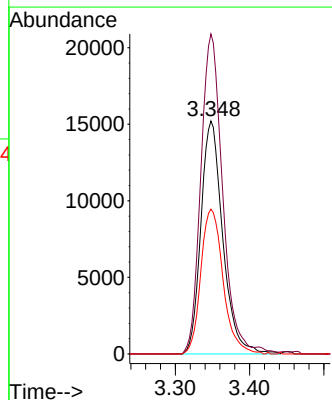
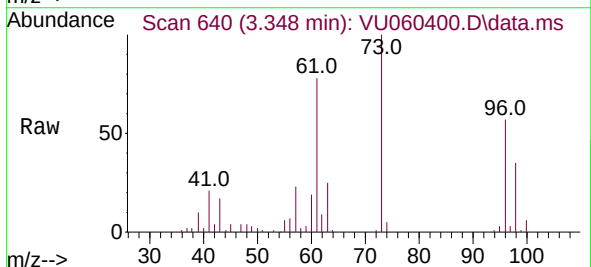
Instrument :
MSVOA_U
ClientSampleId :

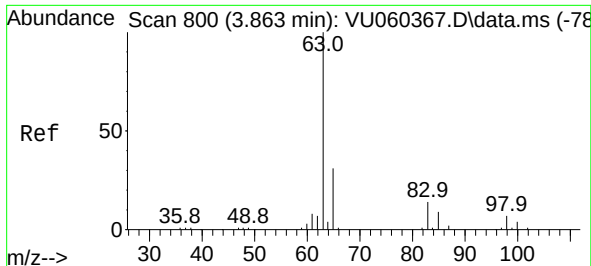
Tgt Ion: 73	Resp: 79761
Ion Ratio	Lower Upper
73 100	
43 18.1	12.8 19.2
57 22.3	17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 5.053 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

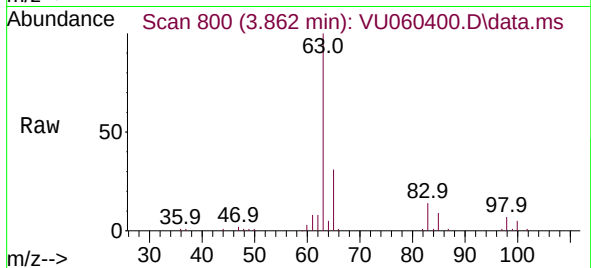
Tgt Ion: 96	Resp: 31194
Ion Ratio	Lower Upper
96 100	
61 137.4	93.7 174.1
98 62.1	44.7 82.9



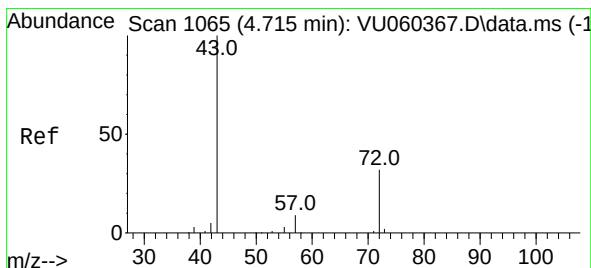
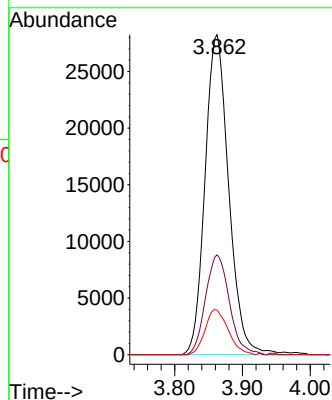
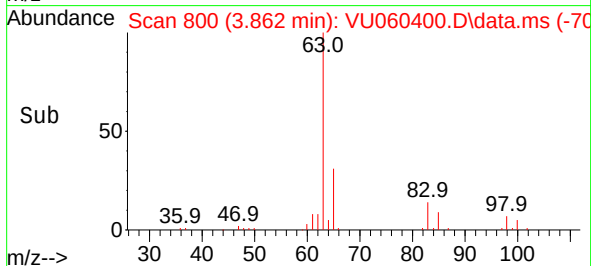


#19
1,1-Dichloroethane
Concen: 5.381 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Instrument :
MSVOA_U
ClientSampleId :

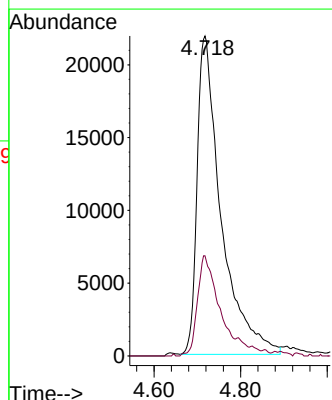
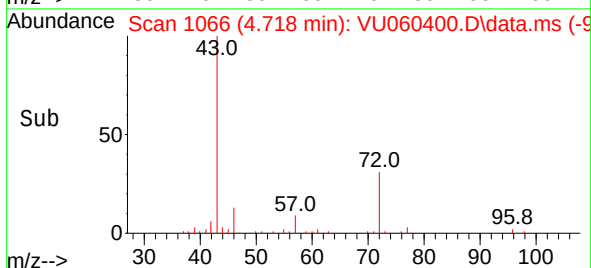
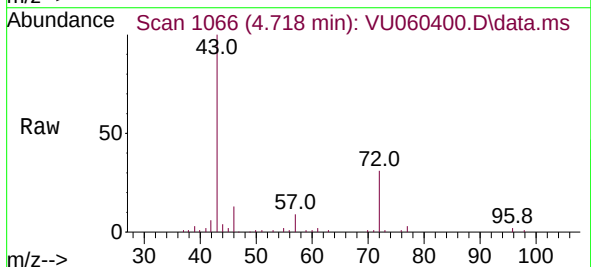


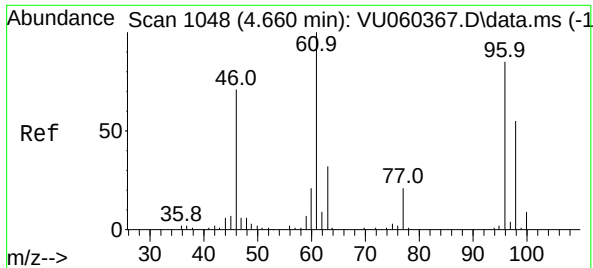
Tgt Ion: 63 Resp: 68581
Ion Ratio Lower Upper
63 100
65 31.2 22.2 41.2
83 14.0 9.1 16.9



#21
2-Butanone
Concen: 51.853 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.003 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion: 43 Resp: 83903
Ion Ratio Lower Upper
43 100
72 27.5 15.9 47.6

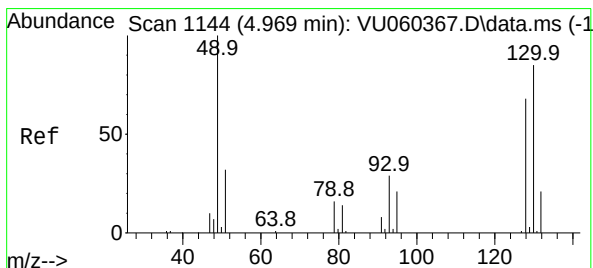
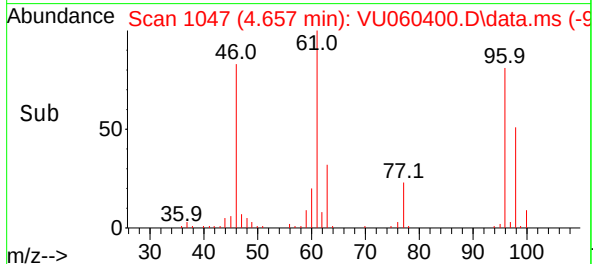
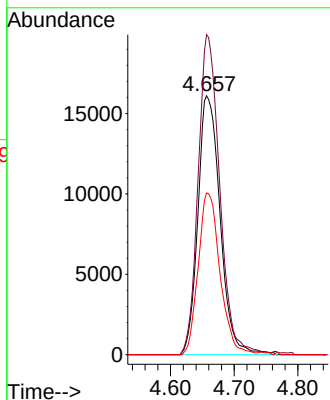
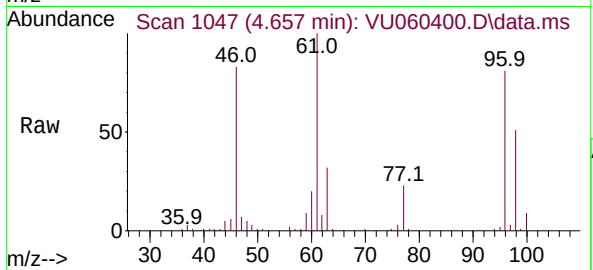




#22
 cis-1,2-Dichloroethene
 Concen: 5.251 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060400.D
 Acq: 12 Aug 2024 12:03

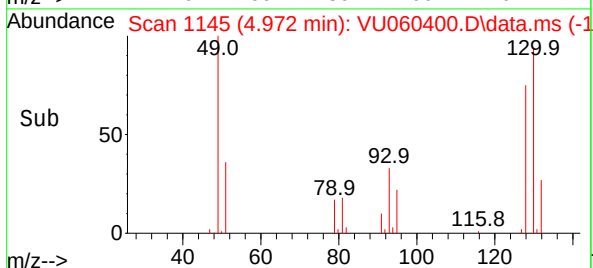
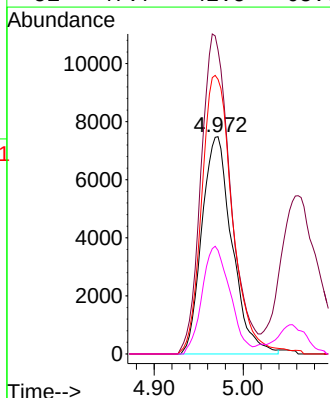
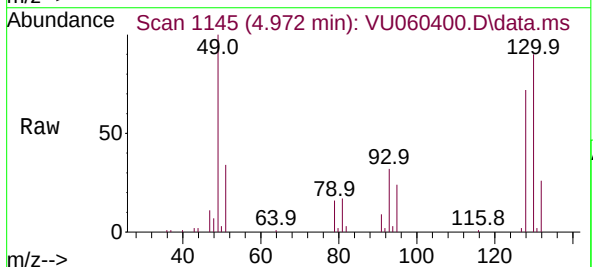
Instrument :
 MSVOA_U
 ClientSampleId :

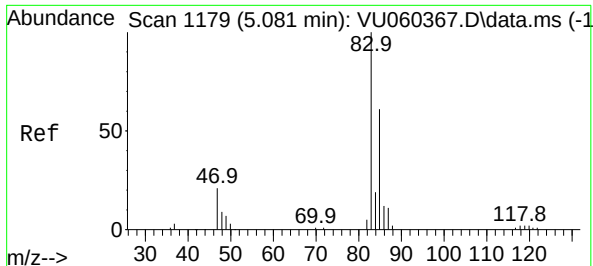
Tgt Ion: 96	Resp: 39131
Ion Ratio	Lower Upper
96 100	
61 123.6	81.5 151.5
98 62.5	43.5 80.7



#23
 Bromochloromethane
 Concen: 5.105 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU060400.D
 Acq: 12 Aug 2024 12:03

Tgt	Ion:128	Resp:	17557
Ion	Ratio	Lower	Upper
128	100		
49	139.9	101.0	187.6
130	126.4	92.7	172.1
51	47.7	42.5	63.7

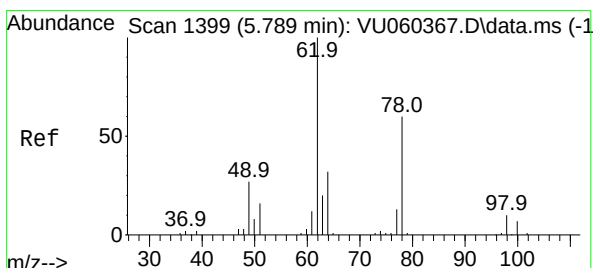
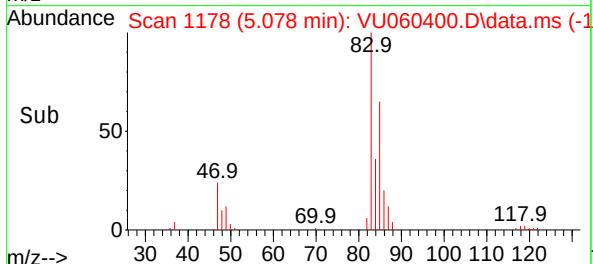
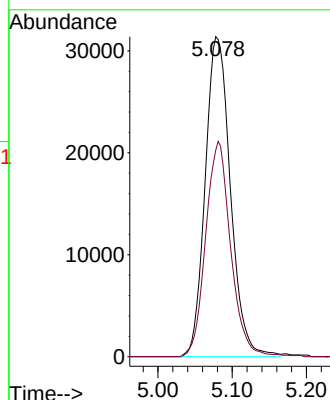
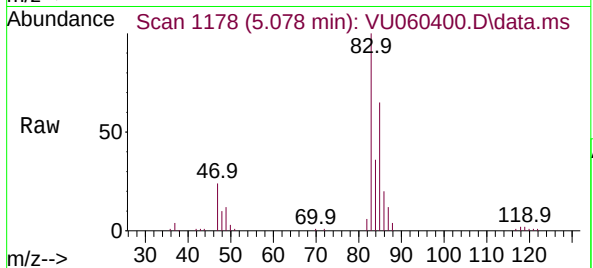




#25
Chloroform
Concen: 5.343 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

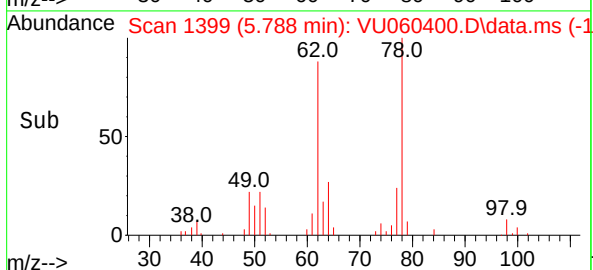
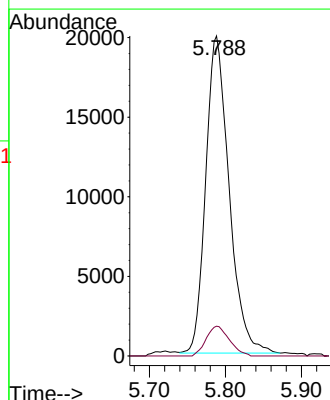
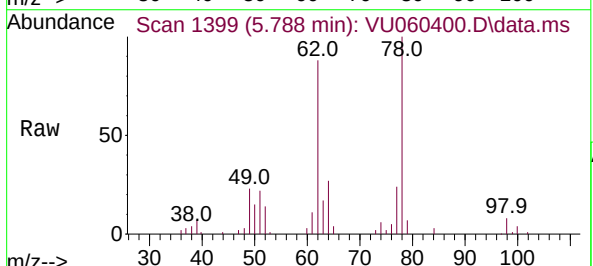
Instrument :
MSVOA_U
ClientSampleId :

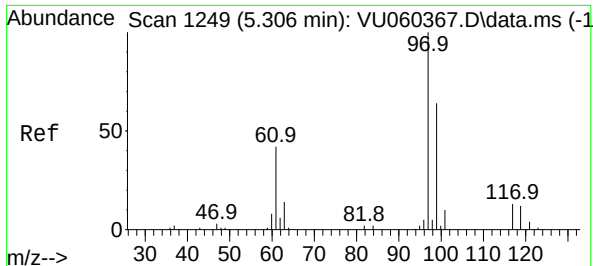
Tgt Ion: 83 Resp: 74079
Ion Ratio Lower Upper
83 100
85 64.5 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.764 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion: 62 Resp: 42502
Ion Ratio Lower Upper
62 100
98 9.3 9.0 13.6

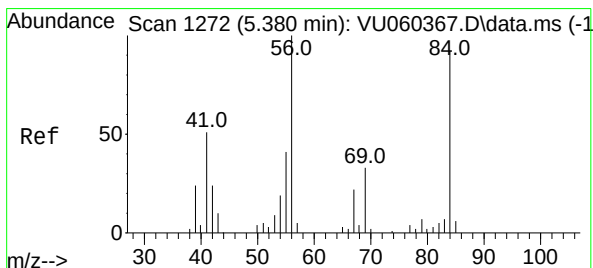
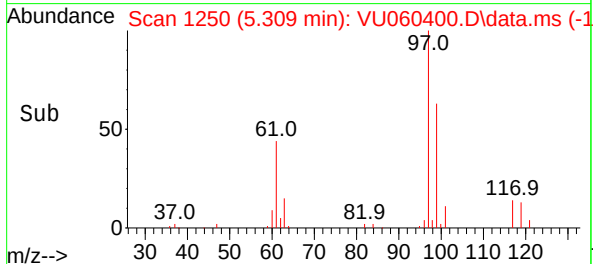
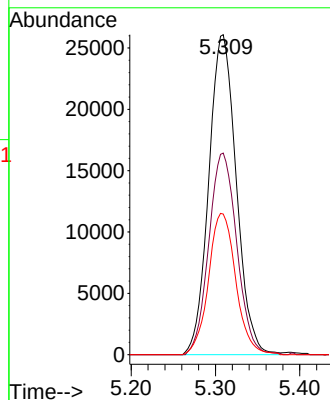
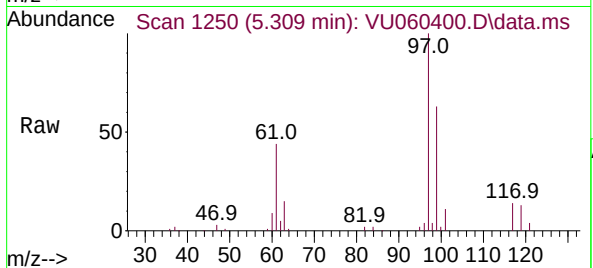




#29
1,1,1-Trichloroethane
Concen: 5.466 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

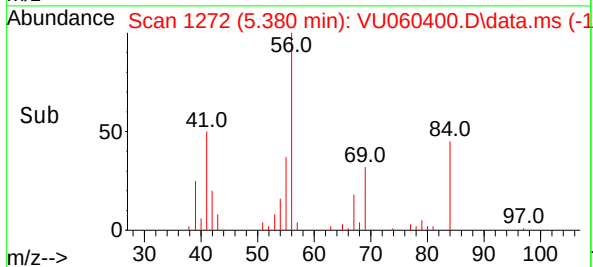
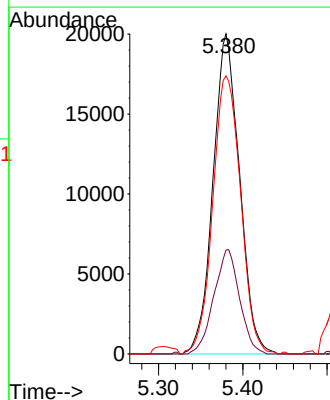
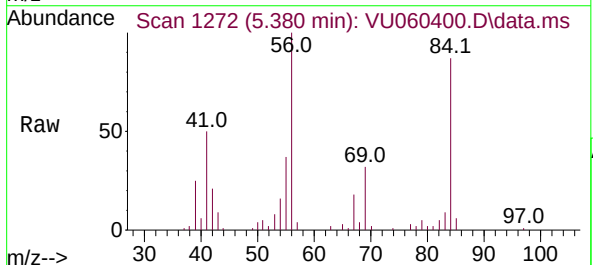
Instrument :
MSVOA_U
ClientSampleId :

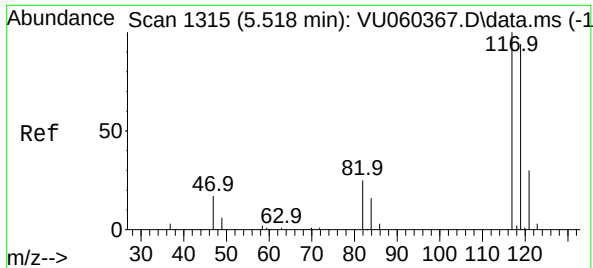
Tgt Ion: 97	Resp: 59149
Ion Ratio	Lower Upper
97	100
99	64.1 51.4 77.2
61	43.9 33.0 49.6



#30
Cyclohexane
Concen: 4.984 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion: 56	Resp: 43661
Ion Ratio	Lower Upper
56	100
69	31.7 24.7 37.1
84	91.3 70.7 106.1

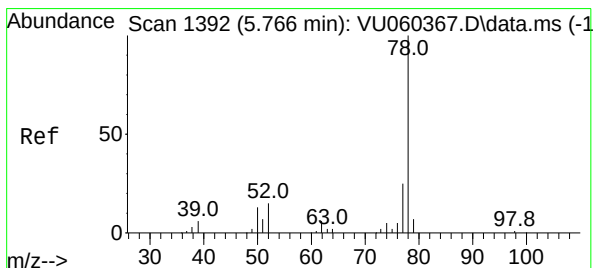
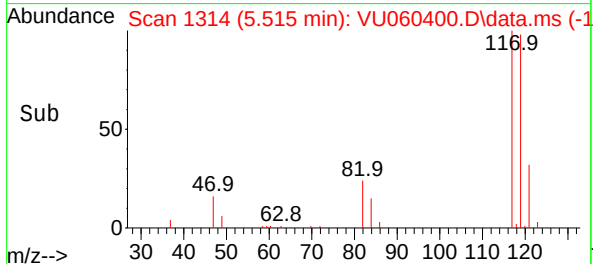
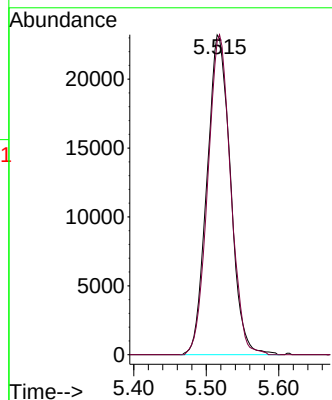
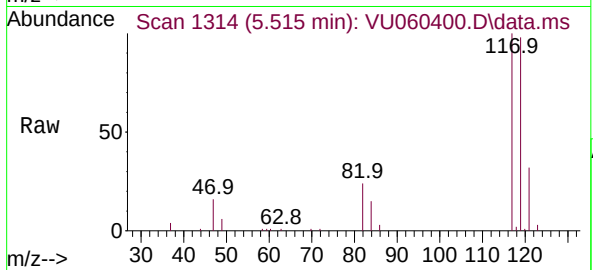




#31
Carbon tetrachloride
Concen: 5.499 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

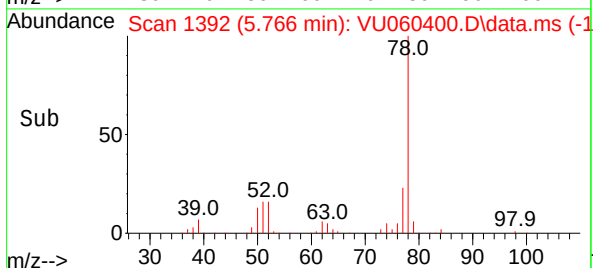
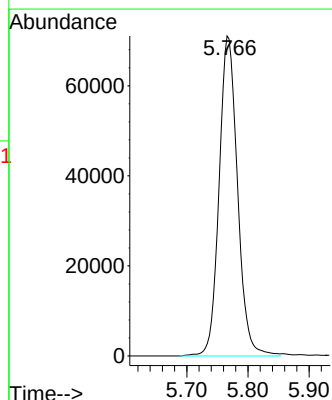
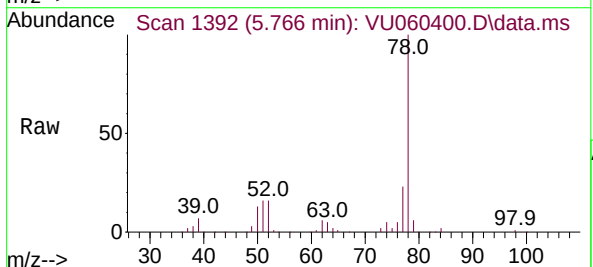
Instrument :
MSVOA_U
ClientSampleId :

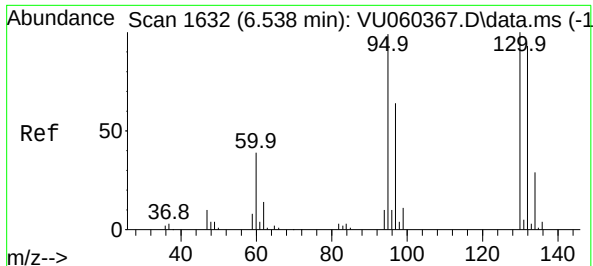
Tgt Ion:117 Resp: 52150
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8



#33
Benzene
Concen: 5.232 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion: 78 Resp: 148898

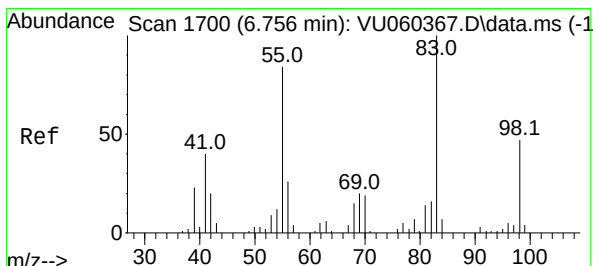
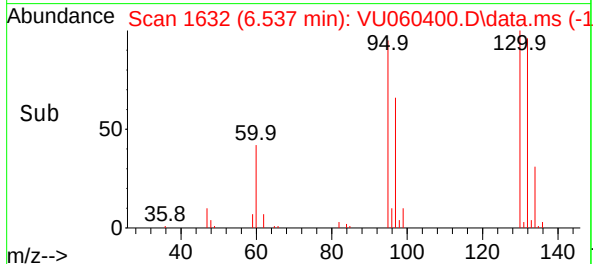
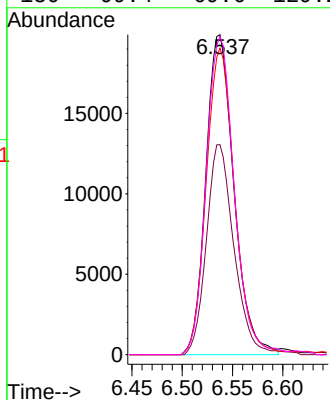
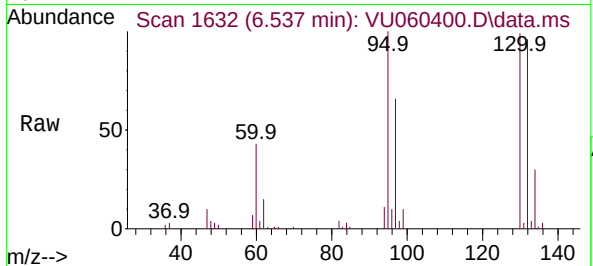




#34
Trichloroethene
Concen: 5.191 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

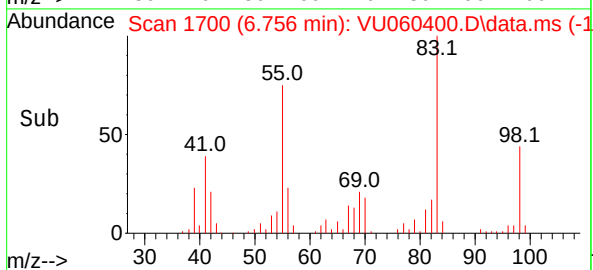
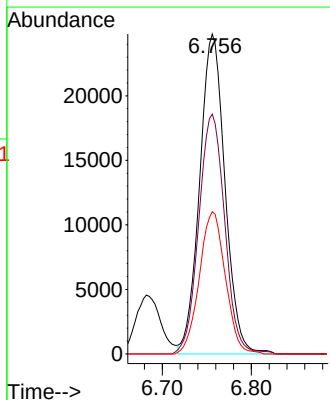
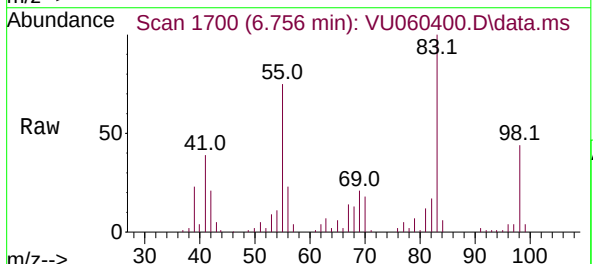
Instrument :
MSVOA_U
ClientSampleId :

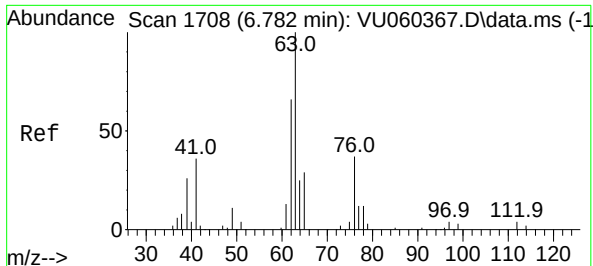
Tgt Ion: 95 Resp: 38669
Ion Ratio Lower Upper
95 100
97 65.6 43.6 81.0
132 95.7 67.1 124.5
130 99.4 69.6 129.2



#35
Methylcyclohexane
Concen: 5.038 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion: 83 Resp: 49004
Ion Ratio Lower Upper
83 100
55 76.8 62.4 93.6
98 45.5 37.3 55.9

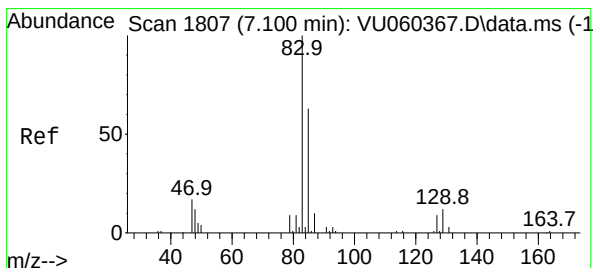
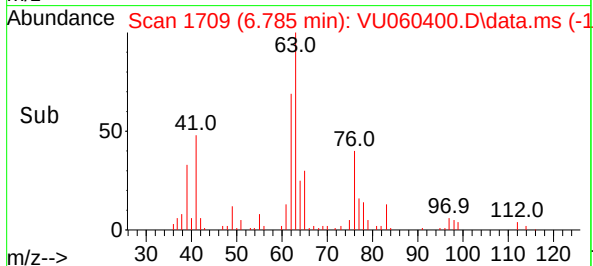
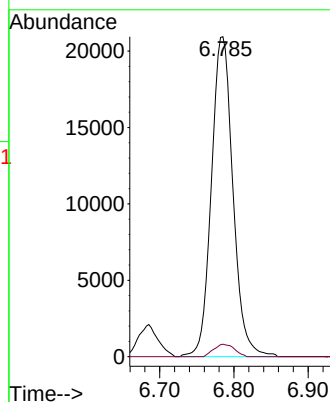
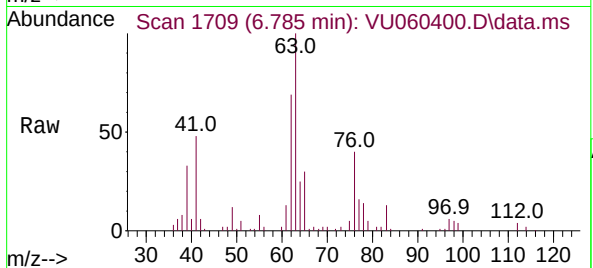




#37
1,2-Dichloropropane
Concen: 5.457 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

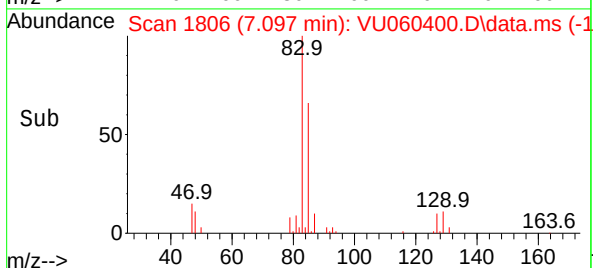
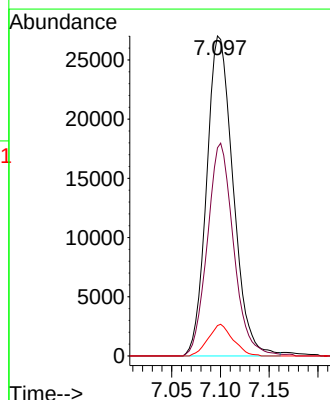
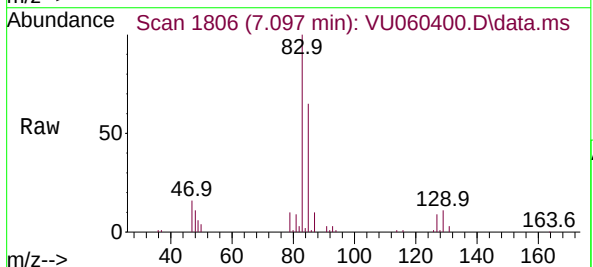
Instrument :
MSVOA_U
ClientSampleId :

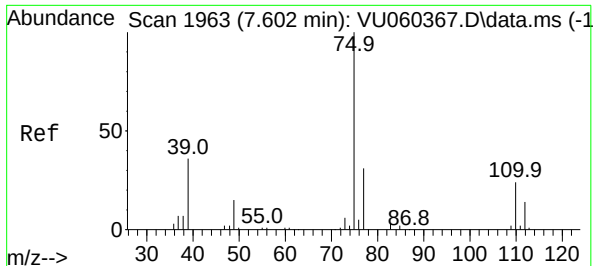
Tgt Ion: 63 Resp: 42265
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9



#38
Bromodichloromethane
Concen: 5.340 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion: 83 Resp: 51119
Ion Ratio Lower Upper
83 100
85 65.0 42.4 78.8
127 9.5 7.0 10.4

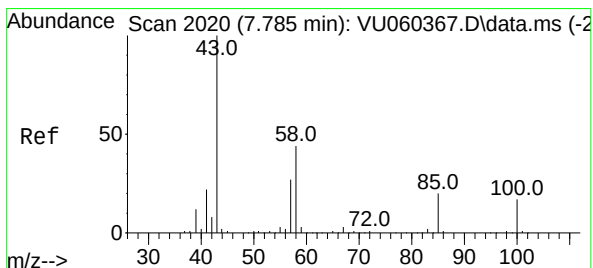
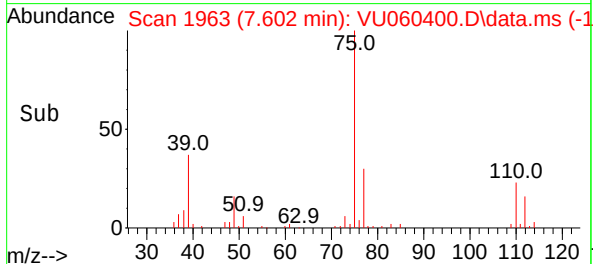
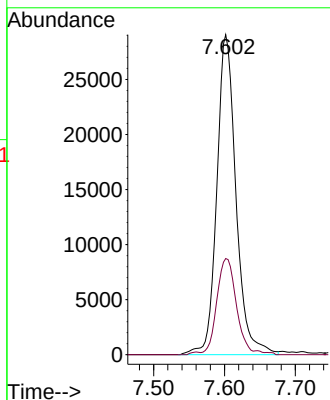
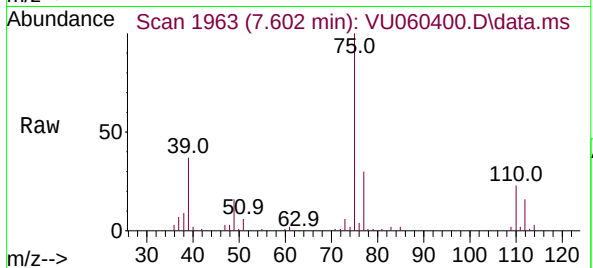




#39
cis-1,3-Dichloropropene
Concen: 5.204 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

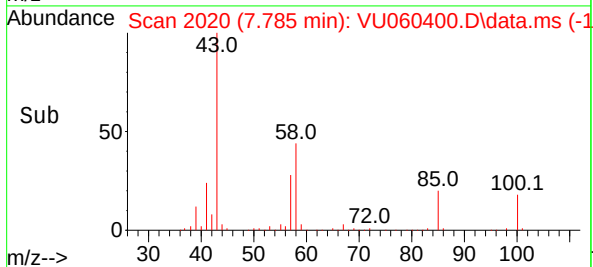
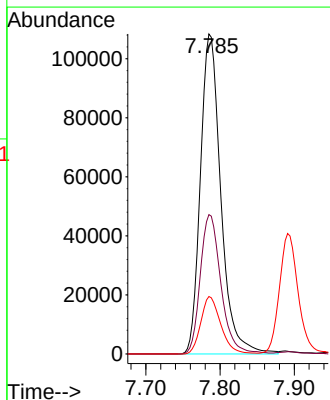
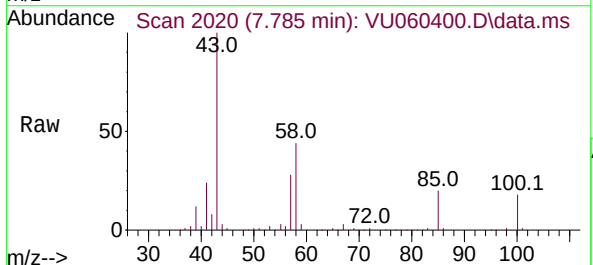
Instrument :
MSVOA_U
ClientSampleId :

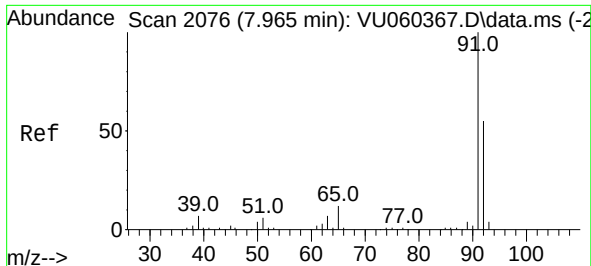
Tgt Ion: 75 Resp: 54747
Ion Ratio Lower Upper
75 100
77 30.0 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 57.308 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion: 43 Resp: 207190
Ion Ratio Lower Upper
43 100
58 44.0 36.6 55.0
100 17.5 14.1 21.1





#42

Toluene

Concen: 5.438 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

Instrument :

MSVOA_U

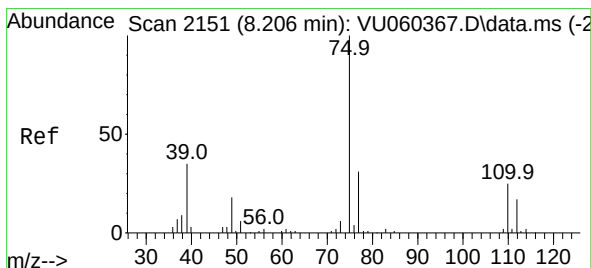
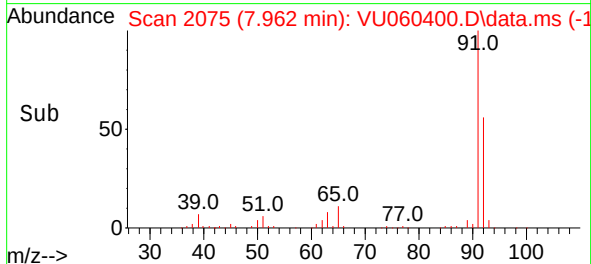
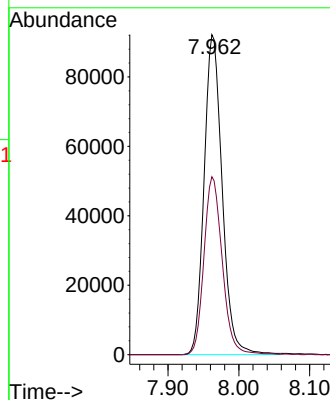
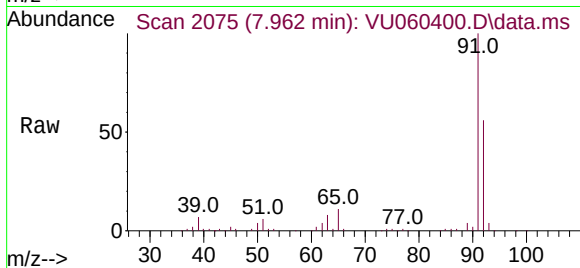
ClientSampleId :

Tgt Ion: 91 Resp: 163529

Ion Ratio Lower Upper

91 100

92 55.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.484 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060400.D

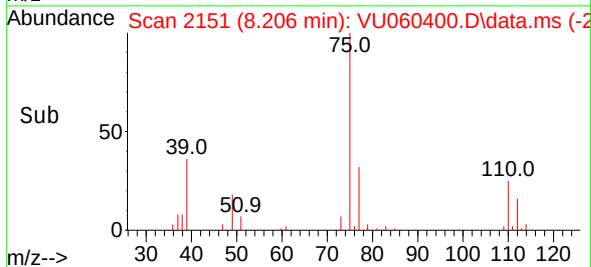
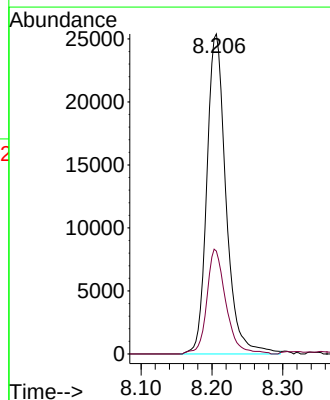
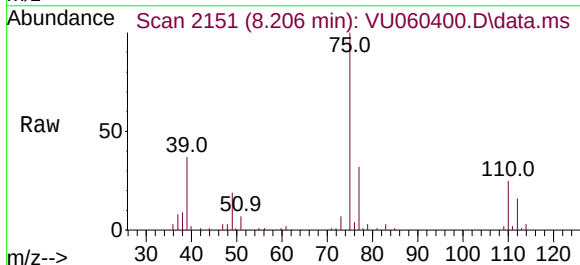
Acq: 12 Aug 2024 12:03

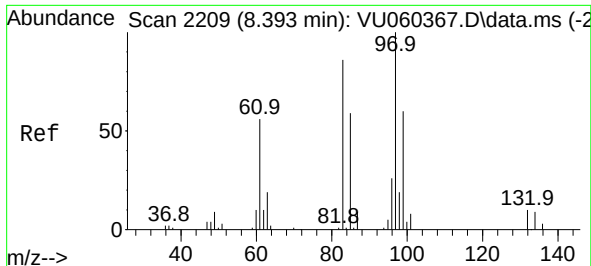
Tgt Ion: 75 Resp: 47659

Ion Ratio Lower Upper

75 100

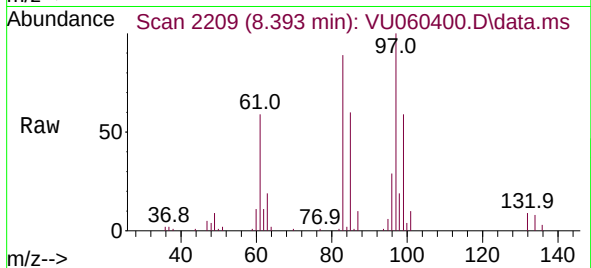
77 32.1 25.0 46.4



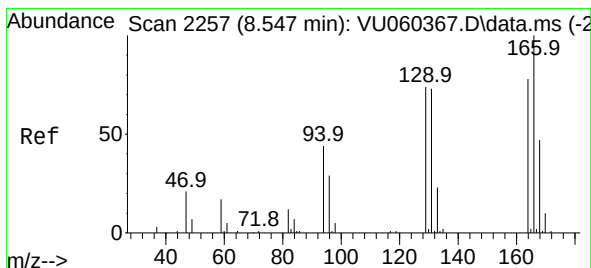
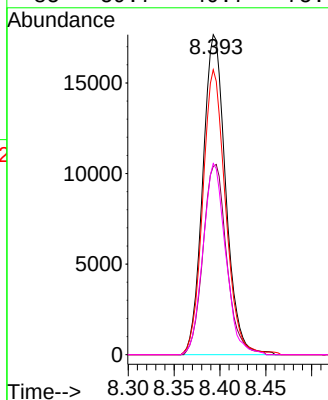
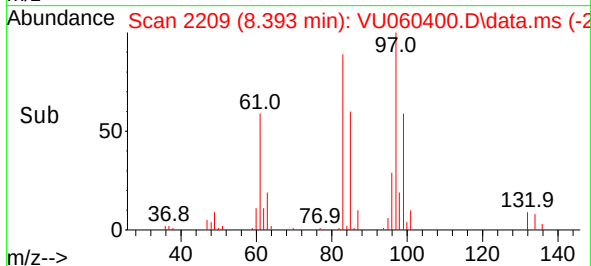


#45
1,1,2-Trichloroethane
Concen: 5.183 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

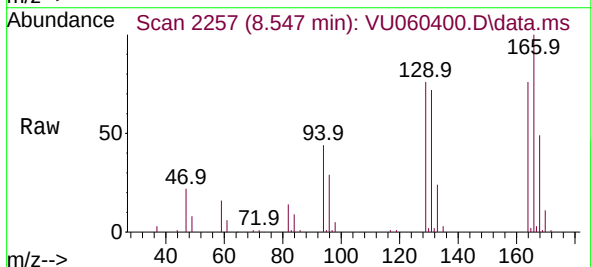
Instrument :
MSVOA_U
ClientSampleId :



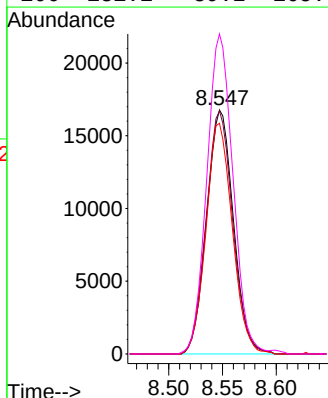
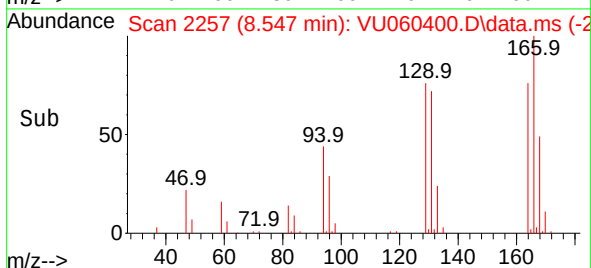
Tgt Ion:	97	Resp:	30745
Ion	Ratio	Lower	Upper
97	100		
99	58.9	45.8	85.0
83	89.0	61.7	114.5
85	59.7	40.7	75.7

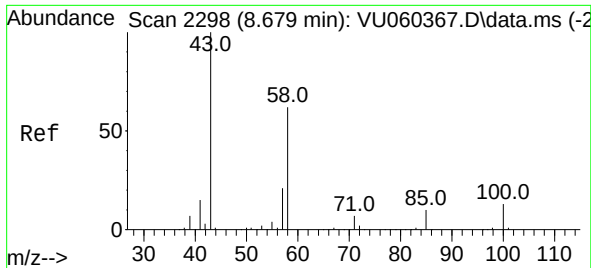


#47
Tetrachloroethene
Concen: 4.995 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03



Tgt Ion:	164	Resp:	29103
Ion	Ratio	Lower	Upper
164	100		
129	99.6	69.0	128.1
131	94.5	62.6	116.3
166	131.1	89.2	165.8

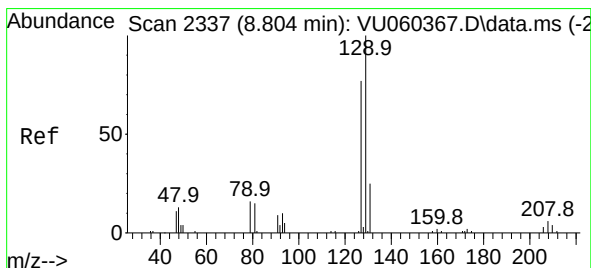
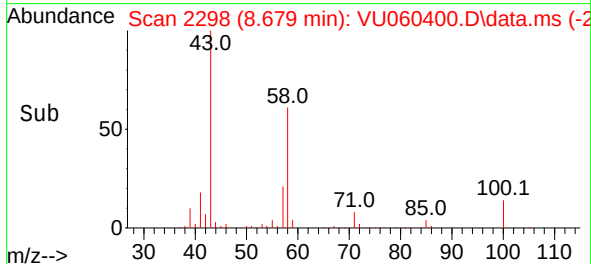
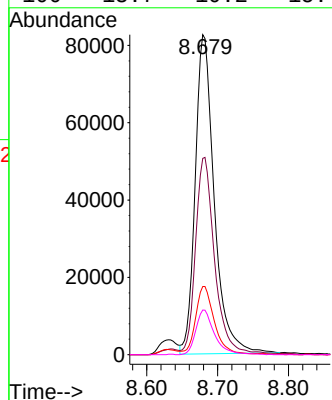
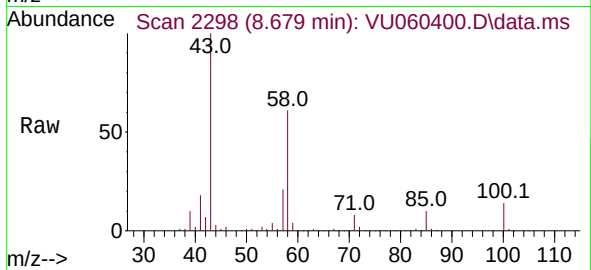




#48
2-Hexanone
Concen: 56.344 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

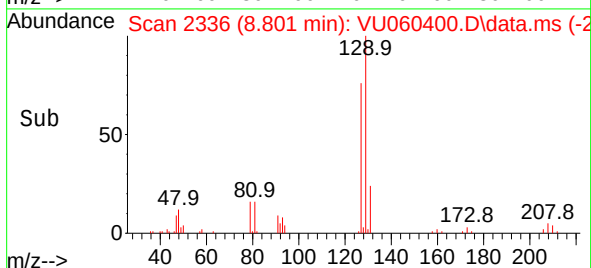
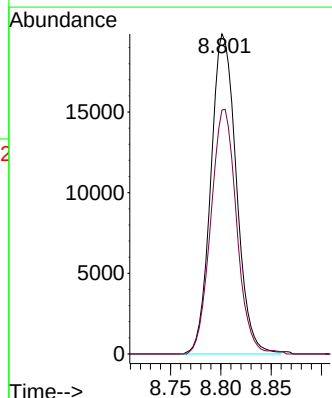
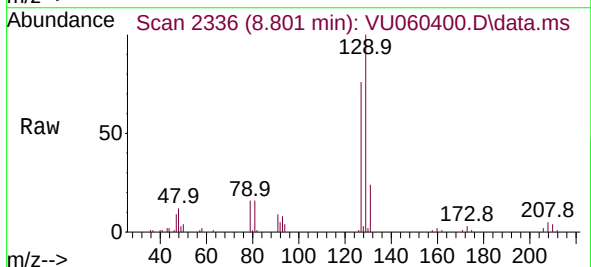
Instrument :
MSVOA_U
ClientSampleId :

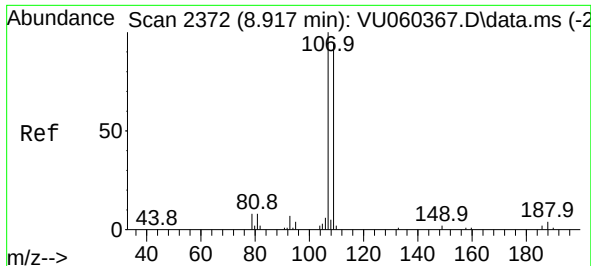
Tgt Ion: 43 Resp: 154425
Ion Ratio Lower Upper
43 100
58 59.8 50.9 76.3
57 20.5 17.4 26.0
100 13.7 10.2 15.4



#49
Dibromochloromethane
Concen: 5.551 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion:129 Resp: 35014
Ion Ratio Lower Upper
129 100
127 76.2 51.9 96.3





#50

1,2-Dibromoethane

Concen: 5.364 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

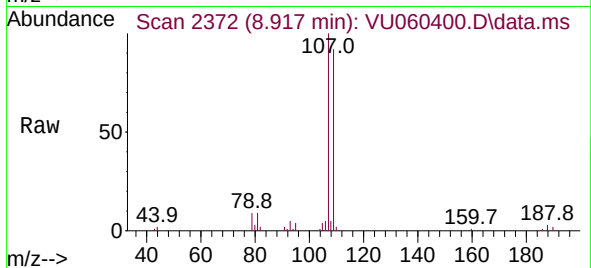
Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

Instrument :

MSVOA_U

ClientSampleId :



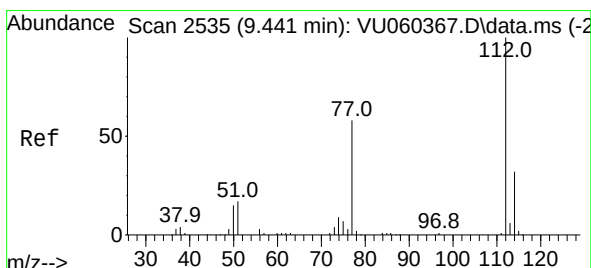
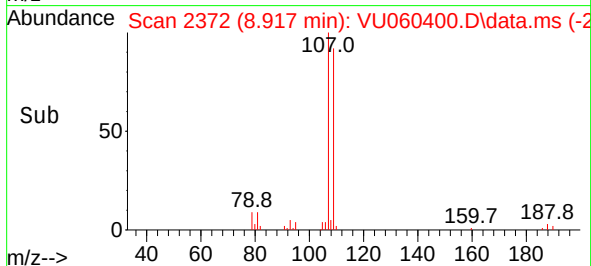
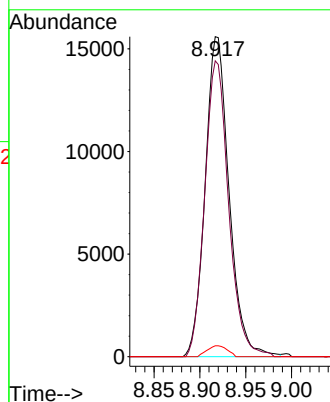
Tgt Ion:107 Resp: 28324

Ion Ratio Lower Upper

107 100

109 92.4 64.8 120.3

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 5.228 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

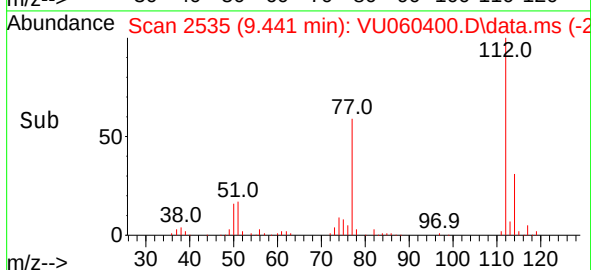
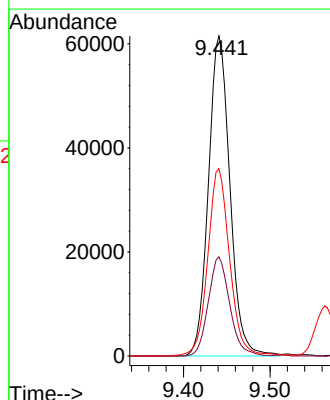
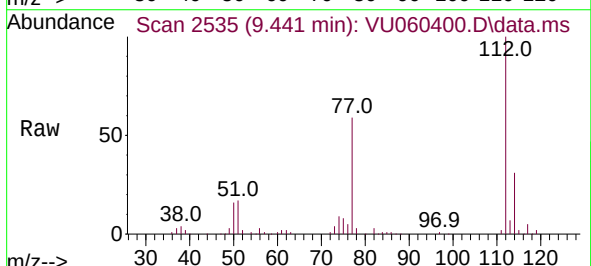
Tgt Ion:112 Resp: 106068

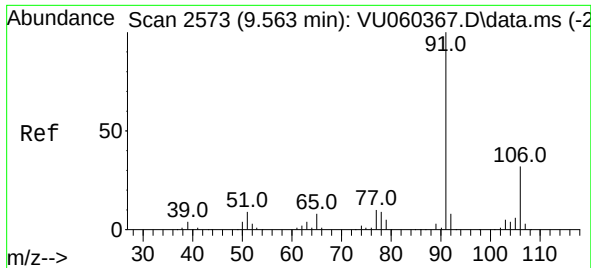
Ion Ratio Lower Upper

112 100

114 31.0 21.3 39.5

77 58.5 44.6 67.0

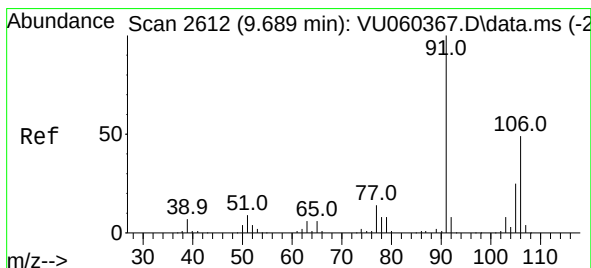
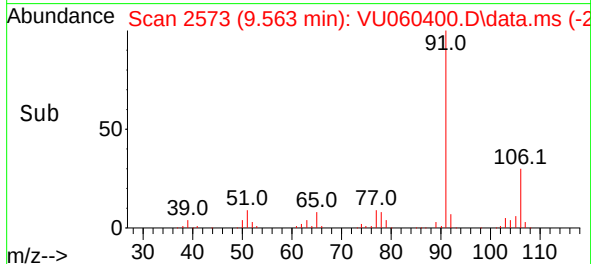
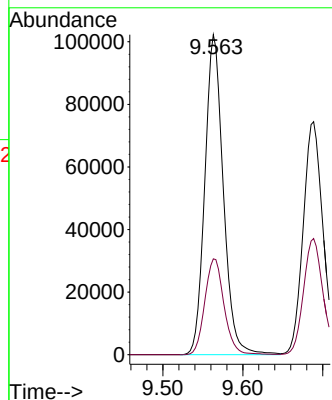
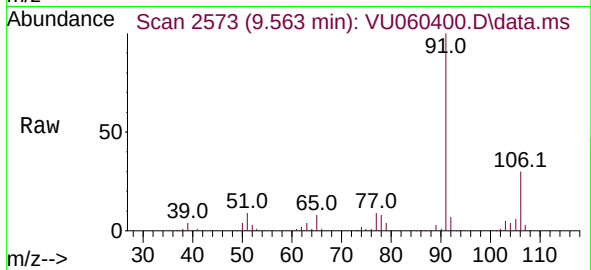




#52
Ethylbenzene
Concen: 5.196 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

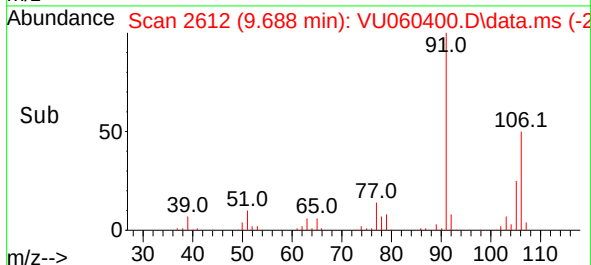
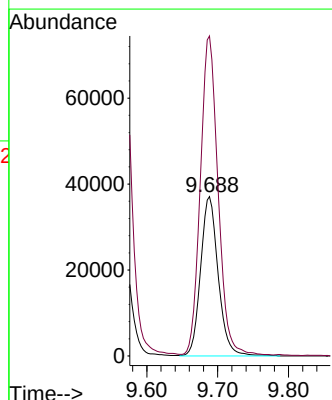
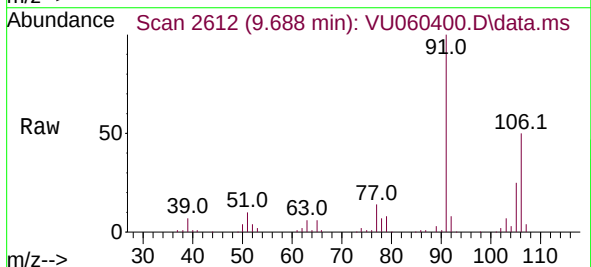
Instrument :
MSVOA_U
ClientSampleId :

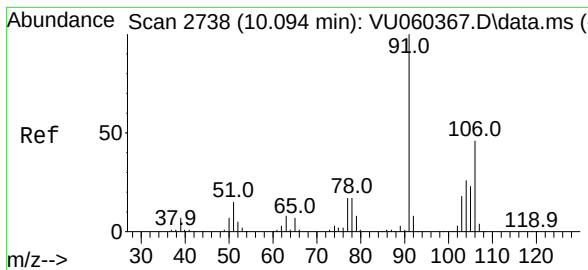
Tgt Ion: 91 Resp: 164613
Ion Ratio Lower Upper
91 100
106 29.9 21.6 40.2



#53
m,p-Xylene
Concen: 5.314 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion:106 Resp: 63983
Ion Ratio Lower Upper
106 100
91 200.7 143.2 266.0

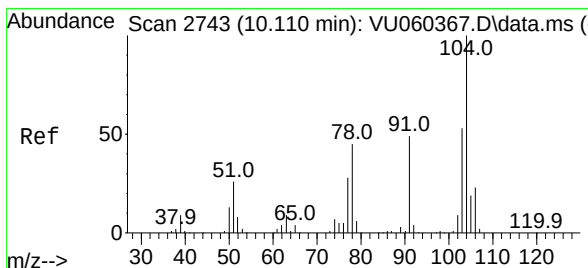
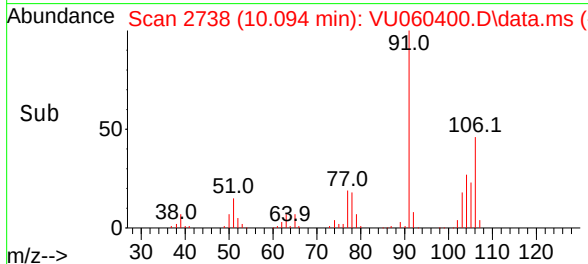
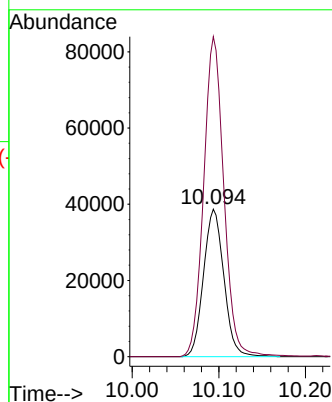
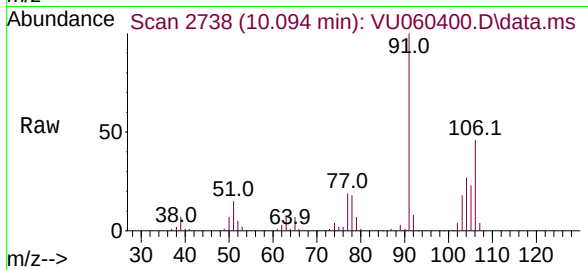




#54
o-Xylene
Concen: 5.491 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

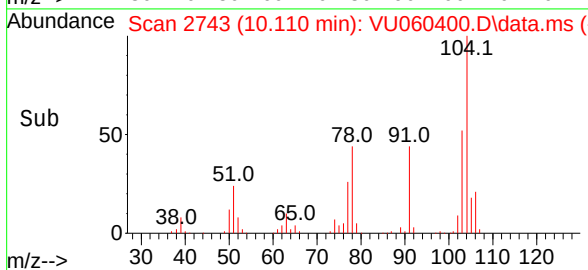
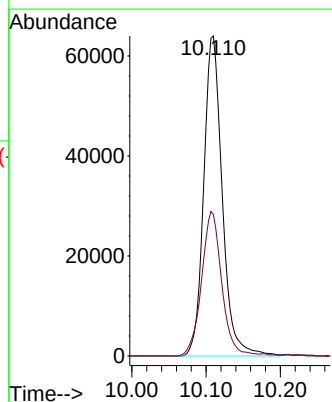
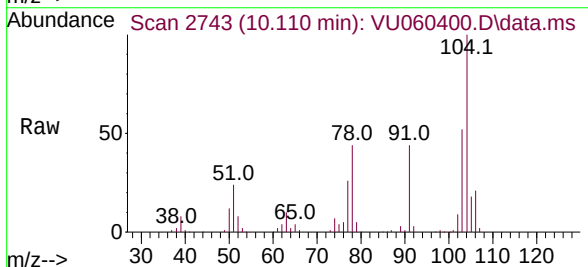
Instrument :
MSVOA_U
ClientSampleId :

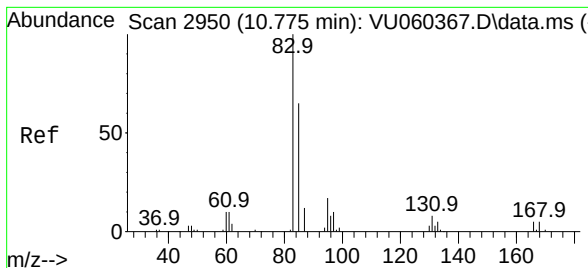
Tgt Ion:106 Resp: 63262
Ion Ratio Lower Upper
106 100
91 216.8 150.2 279.0



#55
Styrene
Concen: 5.565 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion:104 Resp: 110949
Ion Ratio Lower Upper
104 100
78 44.2 32.1 59.7

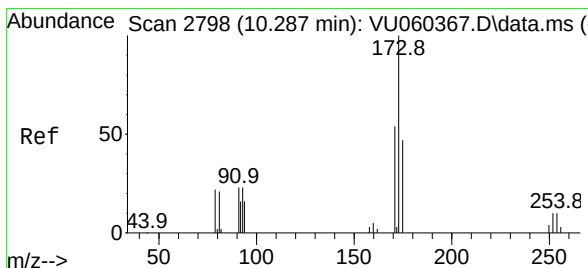
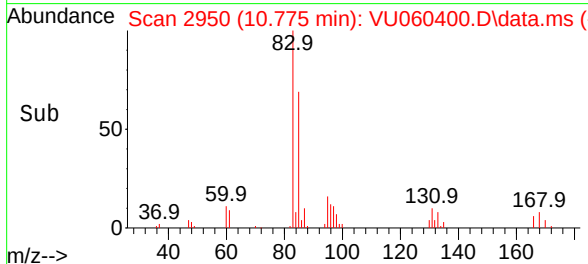
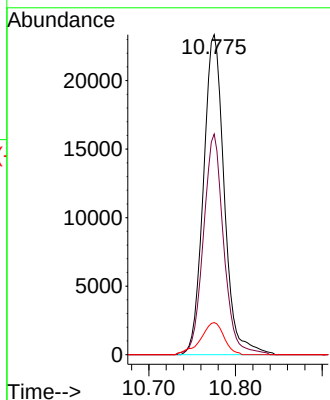
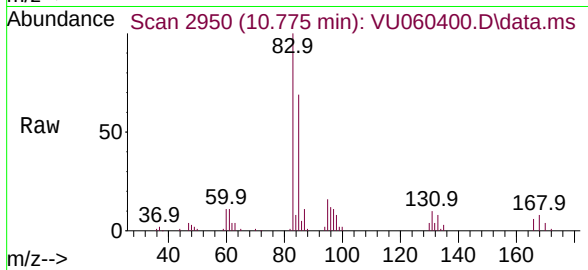




#57
1,1,2,2-Tetrachloroethane
Concen: 5.278 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

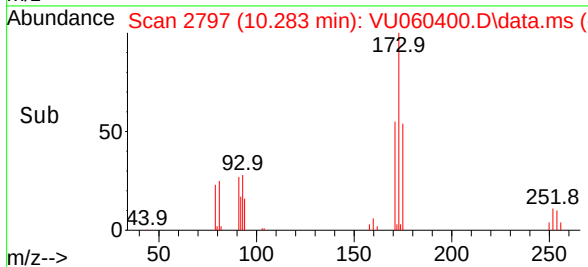
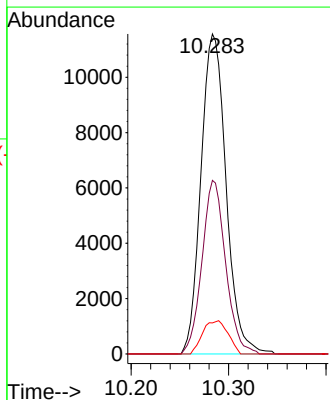
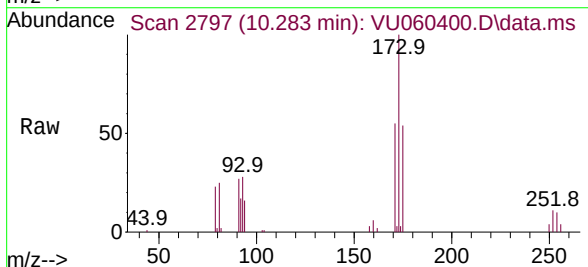
Instrument :
MSVOA_U
ClientSampleId :

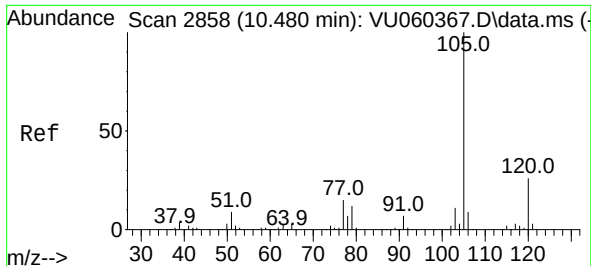
Tgt Ion: 83 Resp: 38934
Ion Ratio Lower Upper
83 100
85 68.9 46.1 85.5
131 10.0 7.6 11.4



#59
Bromoform
Concen: 5.294 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion: 173 Resp: 20723
Ion Ratio Lower Upper
173 100
175 51.0 39.7 59.5
254 10.5 8.2 12.4

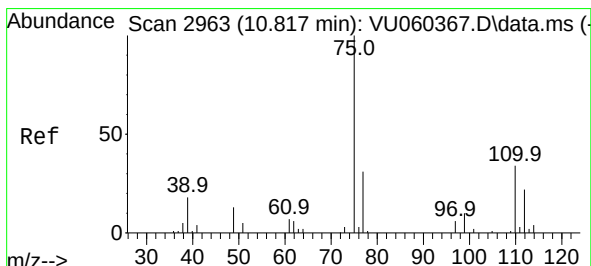
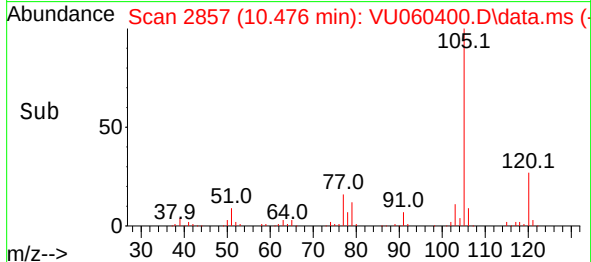
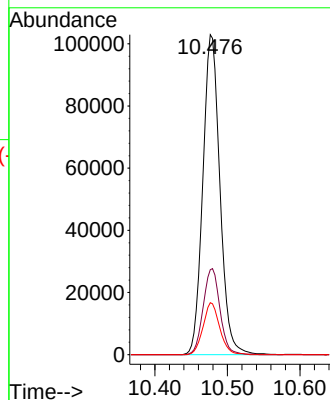
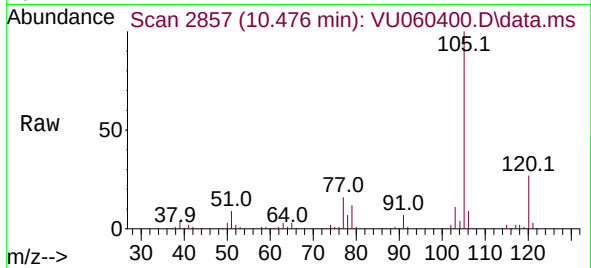




#60
Isopropylbenzene
Concen: 5.425 ug/L
RT: 10.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

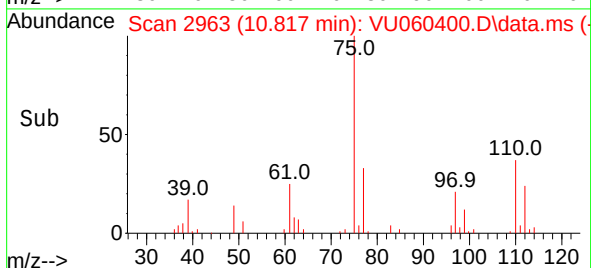
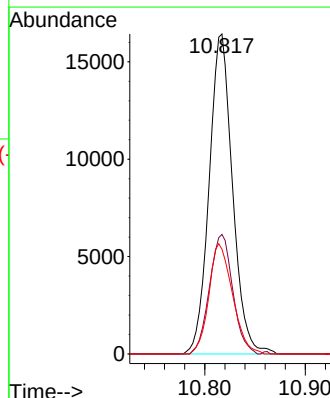
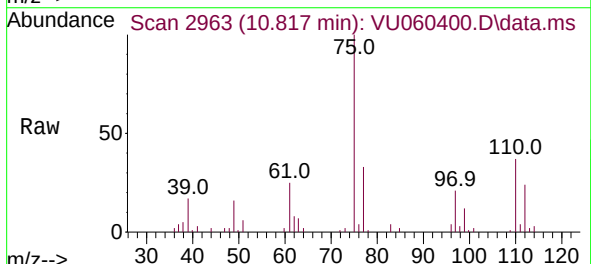
Instrument :
MSVOA_U
ClientSampleId :

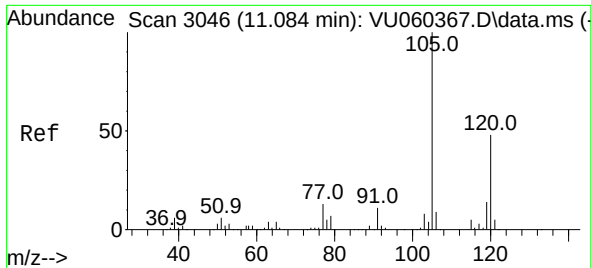
Tgt Ion:105 Resp: 168842
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.318 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

Tgt Ion: 75 Resp: 26542
Ion Ratio Lower Upper
75 100
110 37.1 29.9 44.9
77 34.8 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.360 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

Instrument :

MSVOA_U

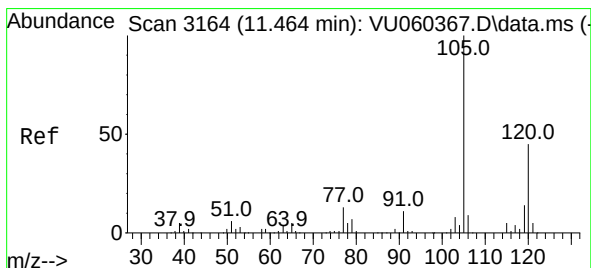
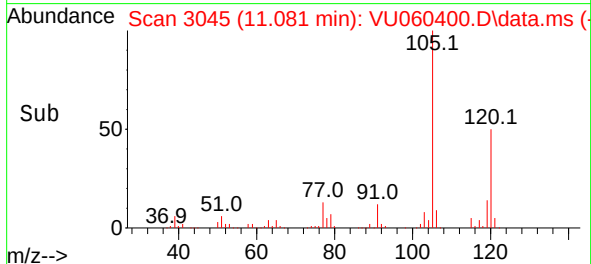
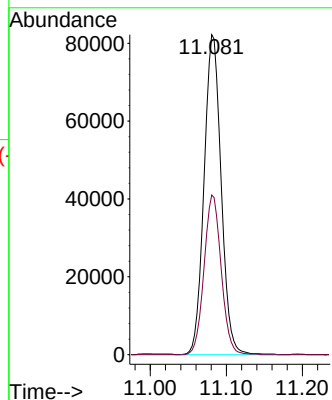
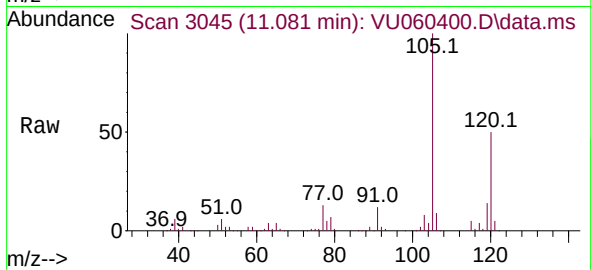
ClientSampleId :

Tgt Ion:105 Resp: 128433

Ion Ratio Lower Upper

105 100

120 50.0 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 5.543 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU060400.D

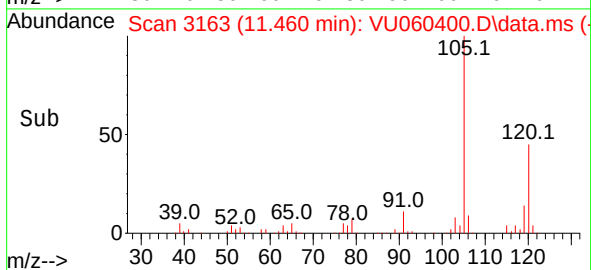
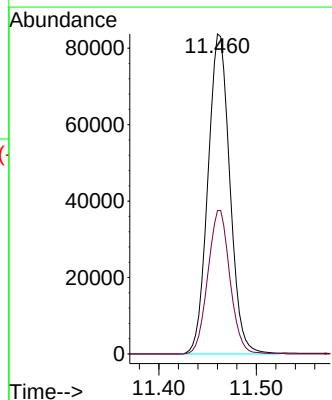
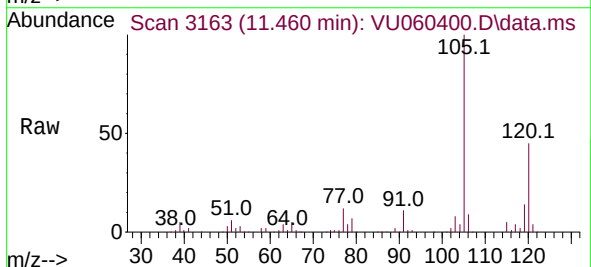
Acq: 12 Aug 2024 12:03

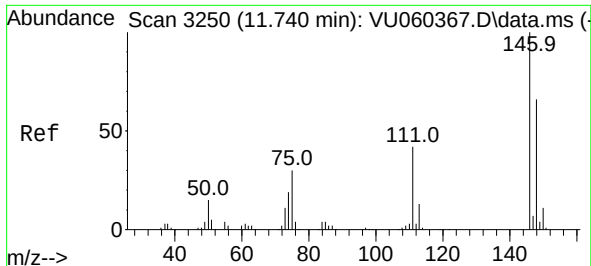
Tgt Ion:105 Resp: 130890

Ion Ratio Lower Upper

105 100

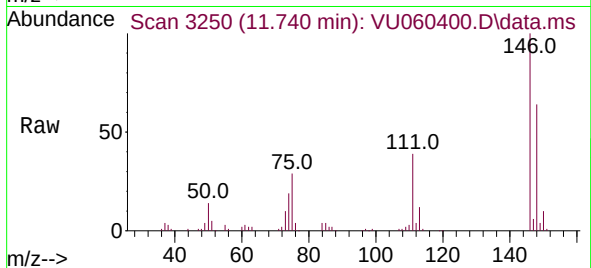
120 45.2 36.1 54.1



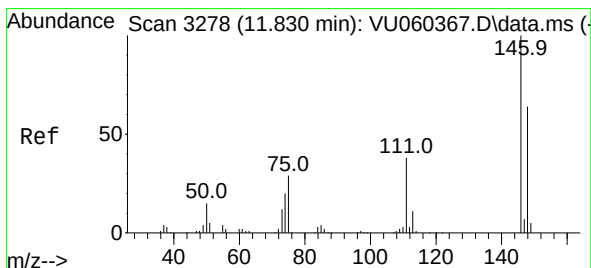
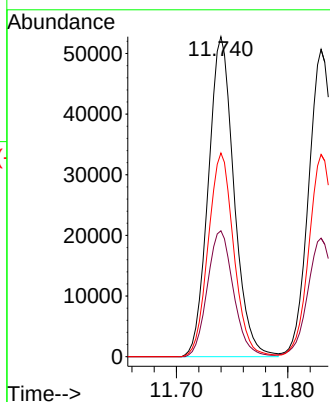
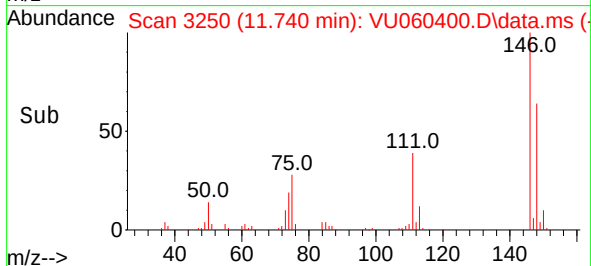


#64
1,3-Dichlorobenzene
Concen: 5.342 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

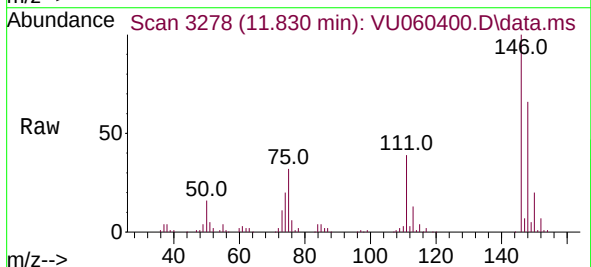
Instrument :
MSVOA_U
ClientSampleId :



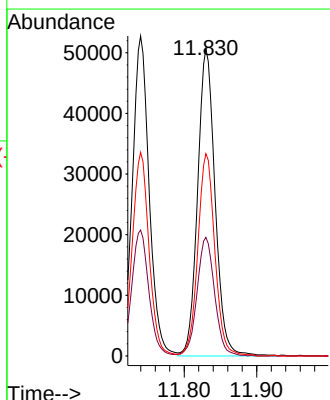
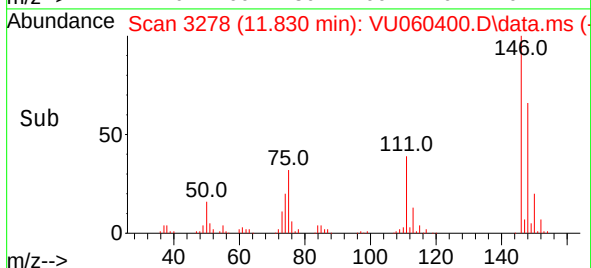
Tgt Ion:146 Resp: 84746
Ion Ratio Lower Upper
146 100
111 39.3 29.2 54.2
148 63.7 44.9 83.3

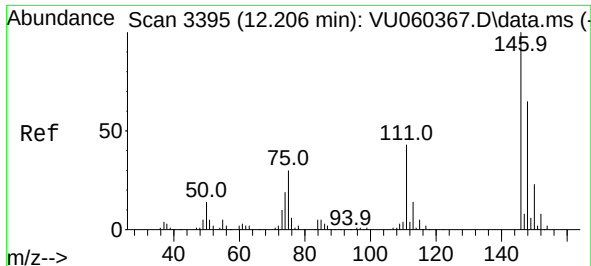


#65
1,4-Dichlorobenzene
Concen: 5.302 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03



Tgt Ion:146 Resp: 84780
Ion Ratio Lower Upper
146 100
111 38.6 25.8 48.0
148 65.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 5.424 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

Instrument :

MSVOA_U

ClientSampleId :

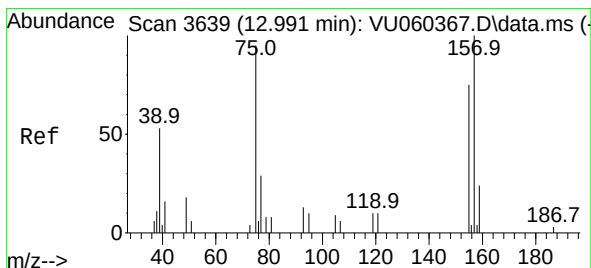
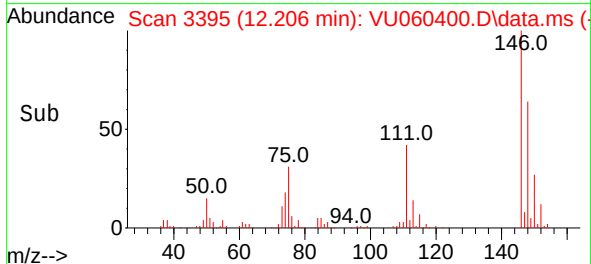
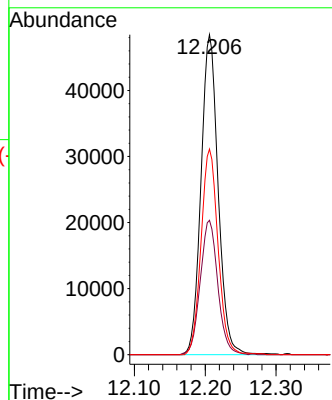
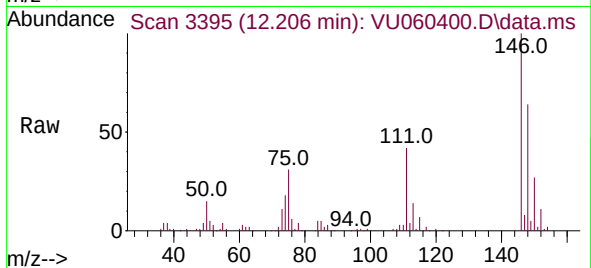
Tgt Ion:146 Resp: 81240

Ion Ratio Lower Upper

146 100

111 42.0 32.0 48.0

148 64.2 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.804 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

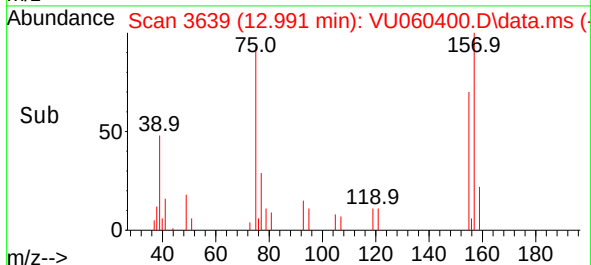
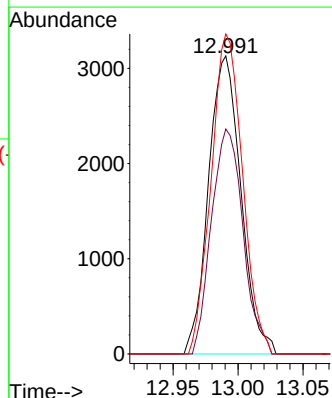
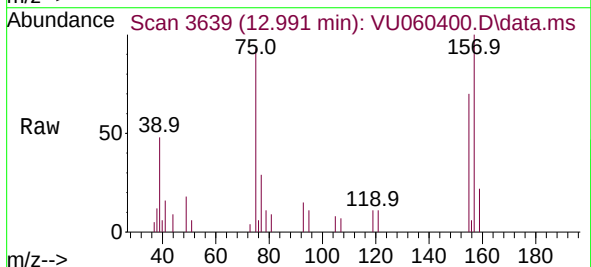
Tgt Ion: 75 Resp: 5430

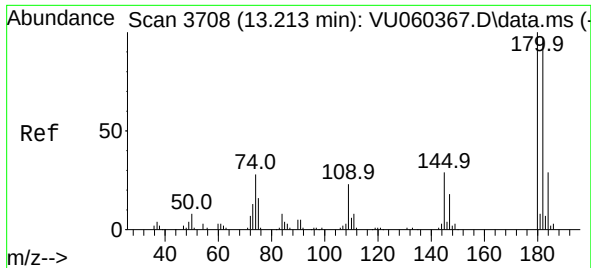
Ion Ratio Lower Upper

75 100

155 75.5 64.3 96.5

157 107.4 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 4.955 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

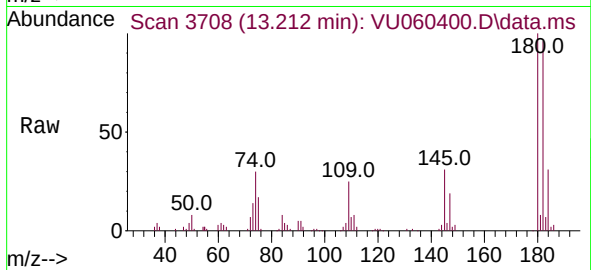
Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 59395

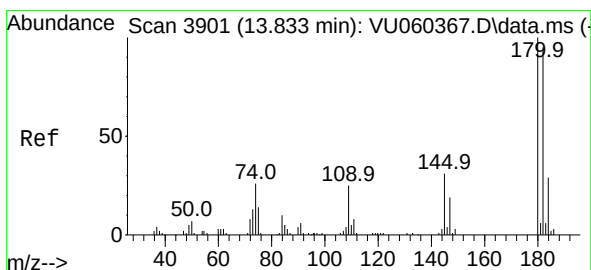
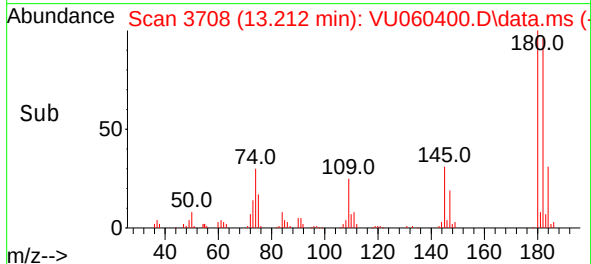
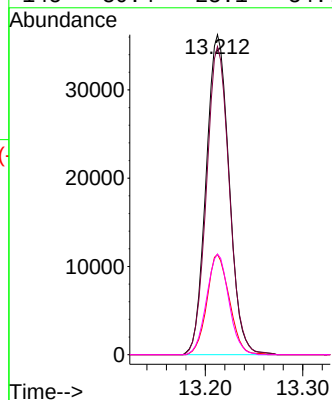
Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

184 30.6 23.8 35.8

145 30.4 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.760 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU060400.D

Acq: 12 Aug 2024 12:03

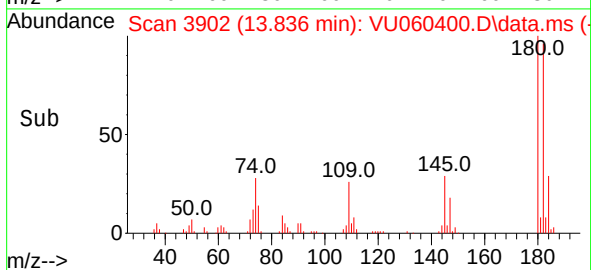
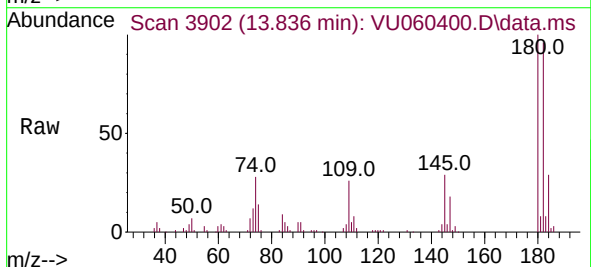
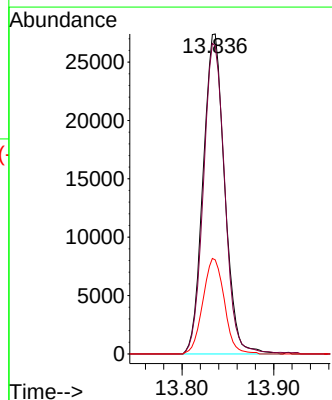
Tgt Ion:180 Resp: 44798

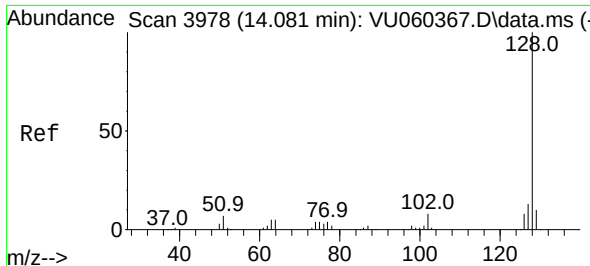
Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

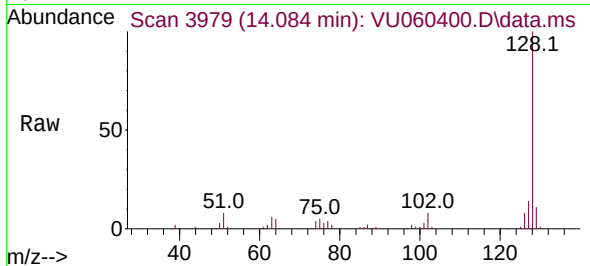
145 29.6 23.7 35.5



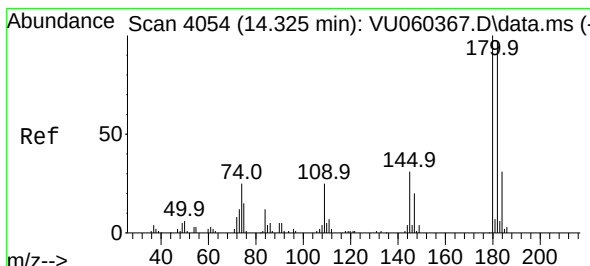
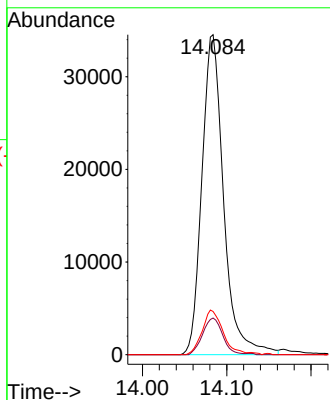
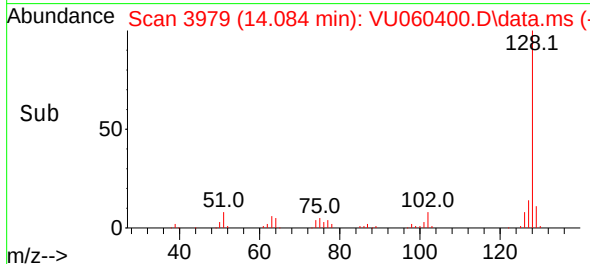


#71
Naphthalene
Concen: 4.634 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03

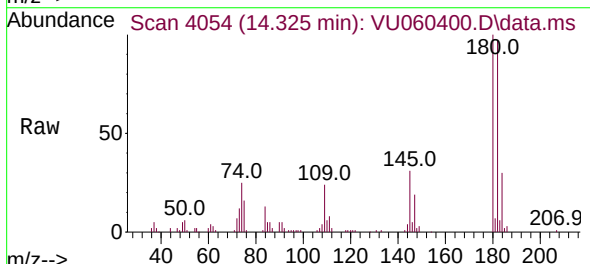
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 62012
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.6 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.686 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU060400.D
Acq: 12 Aug 2024 12:03



Tgt Ion:180 Resp: 39512
Ion Ratio Lower Upper
180 100
182 96.0 75.7 113.5
145 31.9 23.7 35.5

