

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060514.D
 Acq On : 23 Aug 2024 16:42
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:40:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:34:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	103597	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	101955	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19628	4.290	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.908	69	32268	4.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.554	65	11498	4.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.634	46	81578	51.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	5.055	84	65206	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	34265	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.721	84	116664	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.682	67	37319	5.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.891	98	109911	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	8.177	79	14173	5.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.200%
46) 2-Hexanone-d5	8.631	63	63610	51.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	32883	5.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	40524	5.215	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	55080	4.685	ug/L	99
3) Chloromethane	1.518	50	43203	4.241	ug/L	96
5) Vinyl chloride	1.599	62	42091	4.197	ug/L	97
6) Bromomethane	1.853	94	44515	4.410	ug/L	98
8) Chloroethane	1.930	64	42517	4.646	ug/L	99
9) Trichlorofluoromethane	2.129	101	103957	4.768	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	37029	4.014	ug/L	99
12) 1,1-Dichloroethene	2.570	96	33525	3.948	ug/L	90
13) Acetone	2.650	43	54779	41.605	ug/L	97
14) Carbon disulfide	2.782	76	113046	4.103	ug/L	99
15) Methyl Acetate	2.959	43	14853	5.517	ug/L #	85
16) Methylene chloride	3.036	84	38452	4.662	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	84230	4.888	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	34525	4.671	ug/L	91
19) 1,1-Dichloroethane	3.859	63	70881	4.732	ug/L	93
21) 2-Butanone	4.714	43	88935	49.393	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	39707	4.821	ug/L	93
23) Bromochloromethane	4.968	128	17914	4.786	ug/L	96
25) Chloroform	5.078	83	74990	4.730	ug/L	96

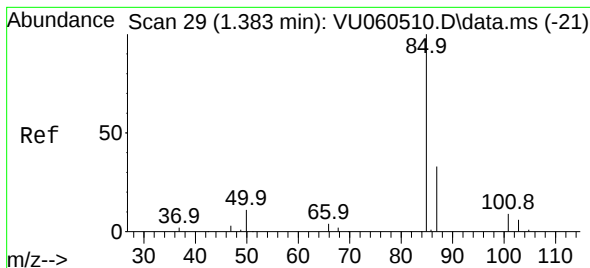
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:34:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	47487	4.463	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	66037	4.729	ug/L	95
30) Cyclohexane	5.380	56	57991	5.016	ug/L	99
31) Carbon tetrachloride	5.515	117	60616	4.697	ug/L	99
33) Benzene	5.766	78	154644	4.782	ug/L	100
34) Trichloroethene	6.534	95	41906	4.781	ug/L	94
35) Methylcyclohexane	6.756	83	60110	4.998	ug/L	97
37) 1,2-Dichloropropane	6.785	63	41531	5.012	ug/L #	98
38) Bromodichloromethane	7.097	83	52212	4.796	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	58549	4.819	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	217452	50.391	ug/L	98
42) Toluene	7.962	91	167645	4.906	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	49681	4.981	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	28596	4.764	ug/L	95
47) Tetrachloroethene	8.547	164	33116	4.609	ug/L	95
48) 2-Hexanone	8.682	43	163165	50.523	ug/L	99
49) Dibromochloromethane	8.804	129	34853	5.016	ug/L	96
50) 1,2-Dibromoethane	8.920	107	27233	4.942	ug/L #	95
51) Chlorobenzene	9.441	112	103979	4.700	ug/L	98
52) Ethylbenzene	9.563	91	175047	4.834	ug/L	99
53) m,p-Xylene	9.689	106	69088	5.132	ug/L	99
54) o-Xylene	10.094	106	65374	4.743	ug/L	100
55) Styrene	10.110	104	109871	4.865	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	35829	4.675	ug/L	99
59) Bromoform	10.287	173	21179	4.890	ug/L	96
60) Isopropylbenzene	10.476	105	171859	4.881	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	26227	5.159	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	136322	5.195	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	138861	5.187	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	84324	4.894	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	85841	4.909	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	77591	4.799	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5671	4.942	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	62339	4.692	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	48351	4.510	ug/L	99
71) Naphthalene	14.084	128	67177	4.905	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41631	4.640	ug/L	97

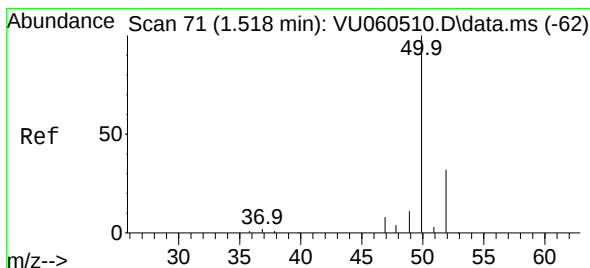
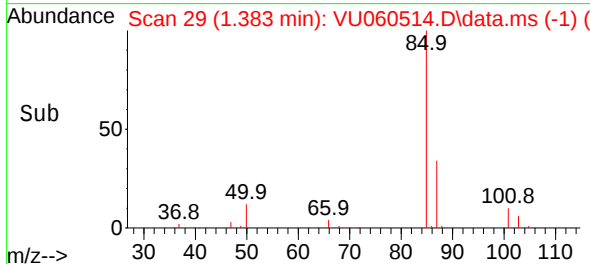
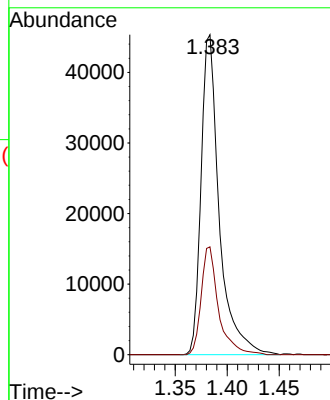
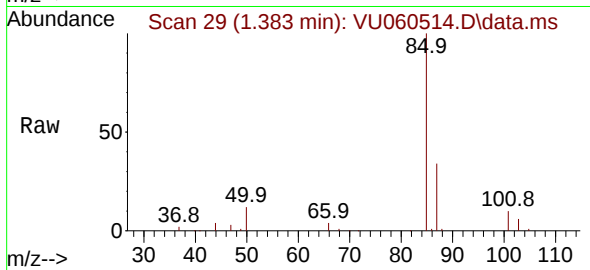
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#2
Dichlorodifluoromethane
Concen: 4.685 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

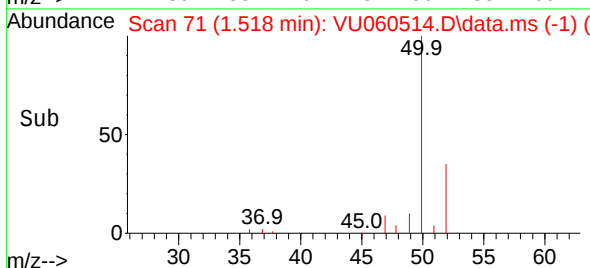
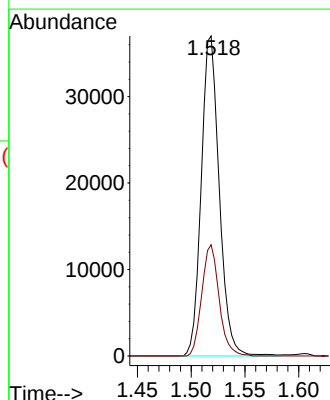
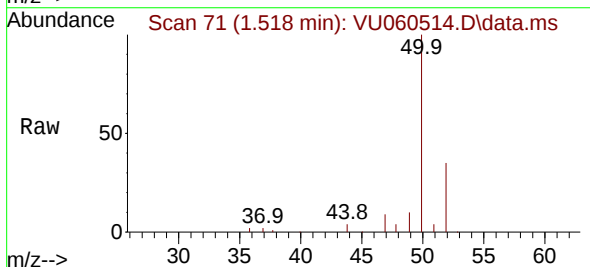
Instrument :
MSVOA_U
ClientSampleId :

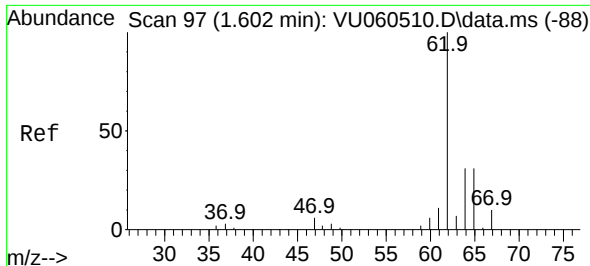
Tgt Ion: 85 Resp: 55080
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 4.241 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 50 Resp: 43203
Ion Ratio Lower Upper
50 100
52 34.7 22.7 42.1

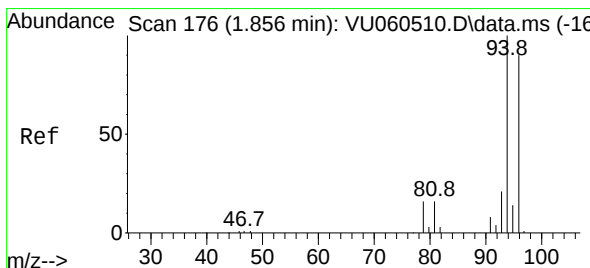
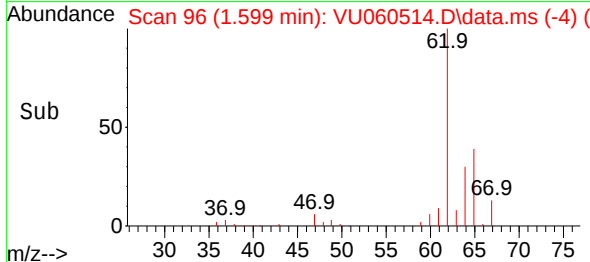
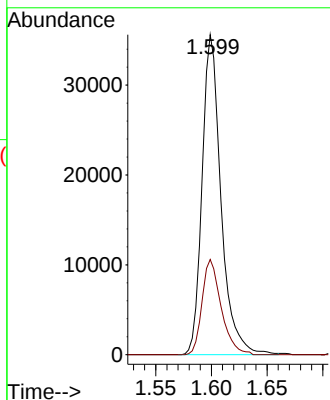
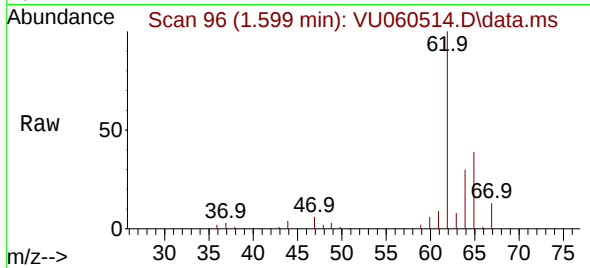




#5
Vinyl chloride
Concen: 4.197 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

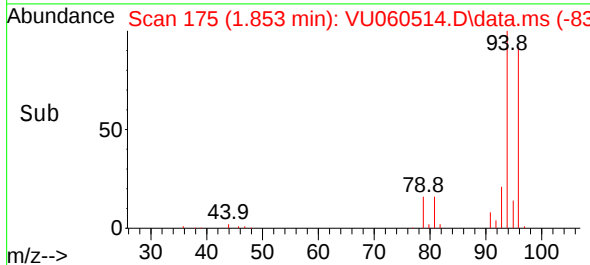
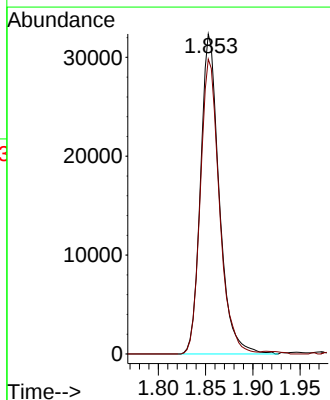
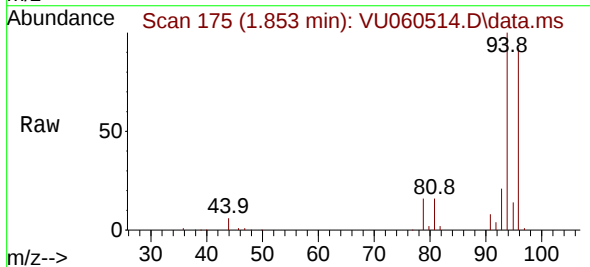
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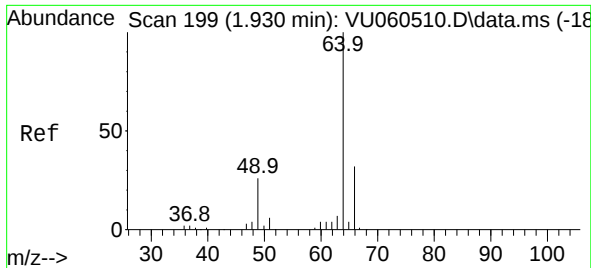
Tgt Ion: 62 Resp: 42091
Ion Ratio Lower Upper
62 100
64 29.8 22.0 40.8



#6
Bromomethane
Concen: 4.410 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 94 Resp: 44515
Ion Ratio Lower Upper
94 100
96 92.1 63.3 117.5

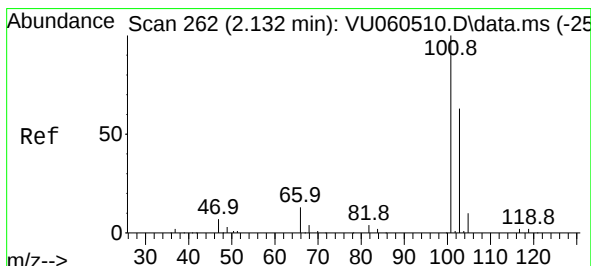
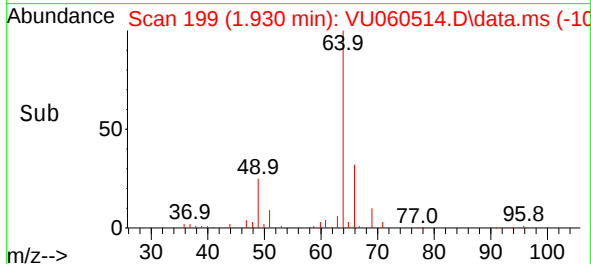
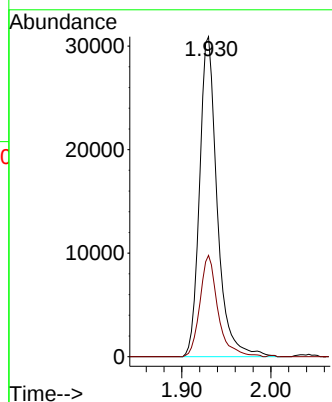
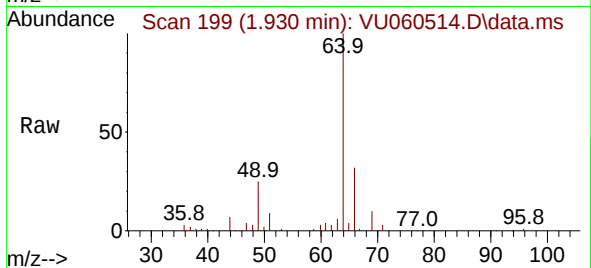




#8
Chloroethane
Concen: 4.646 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

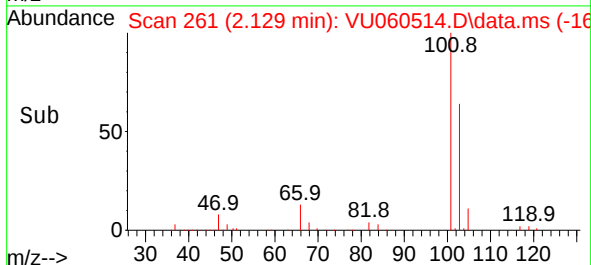
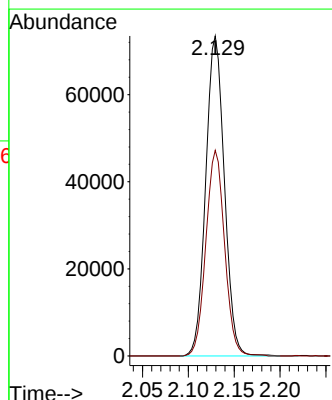
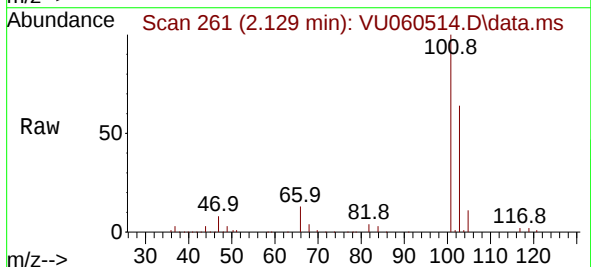
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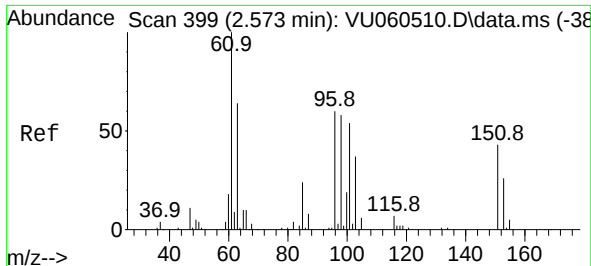
Tgt Ion: 64 Resp: 42517
Ion Ratio Lower Upper
64 100
66 31.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.768 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion:101 Resp: 103957
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

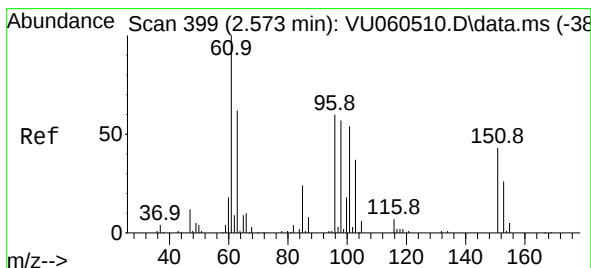
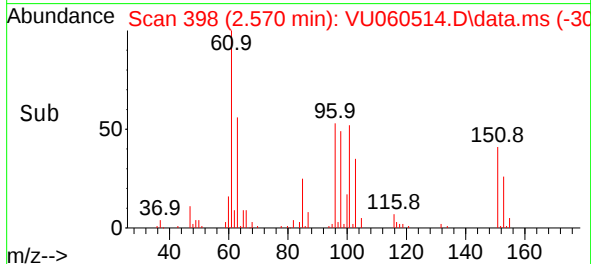
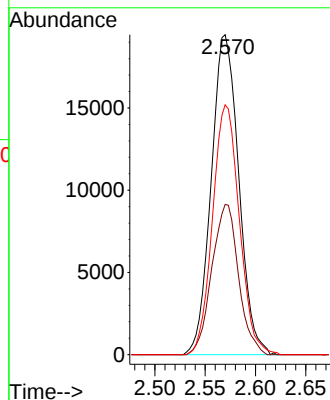
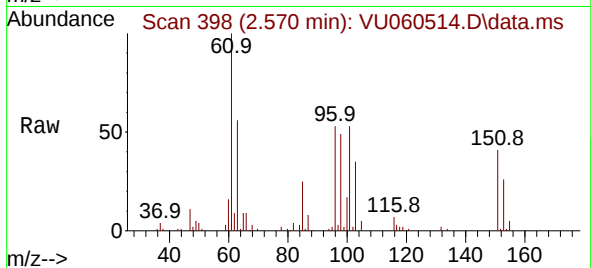




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.014 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

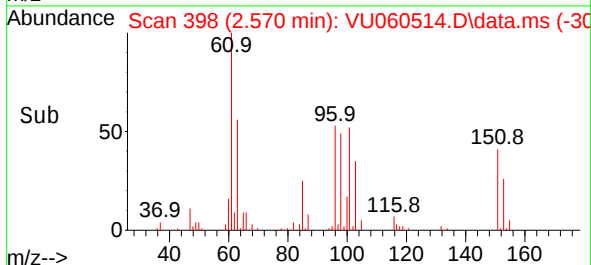
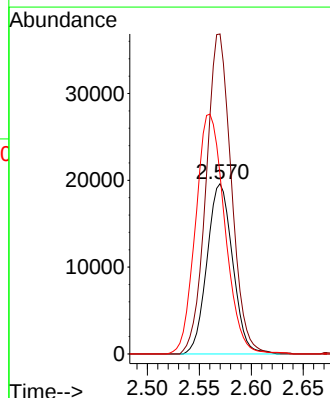
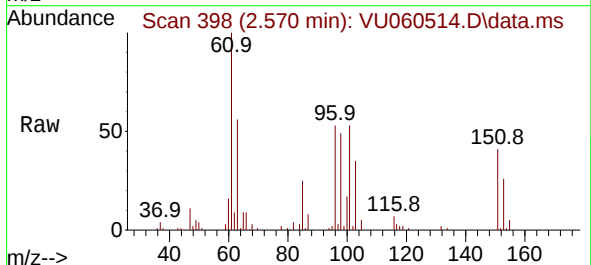
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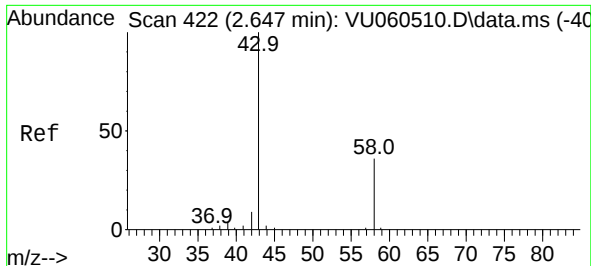
Tgt Ion:101 Resp: 37029
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.6
151 76.1 61.7 92.5



#12
1,1-Dichloroethene
Concen: 3.948 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 96 Resp: 33525
Ion Ratio Lower Upper
96 100
61 188.0 116.4 216.2
63 105.3 74.8 139.0





#13

Acetone

Concen: 41.605 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_U

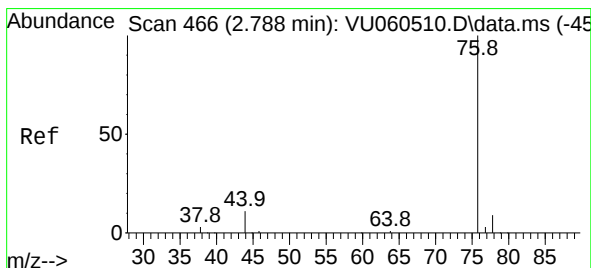
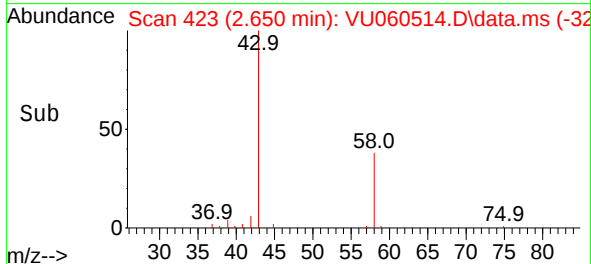
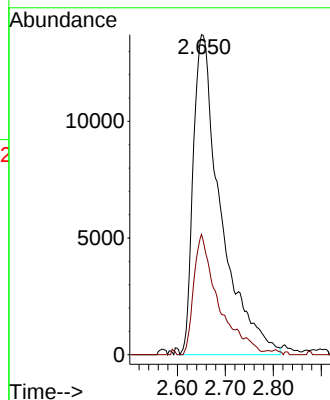
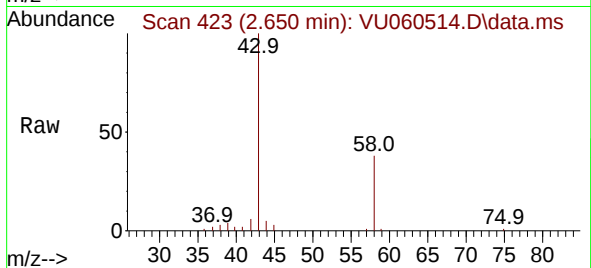
ClientSampleId :

Tgt Ion: 43 Resp: 54779

Ion Ratio Lower Upper

43 100

58 31.7 0.0 66.8



#14

Carbon disulfide

Concen: 4.103 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.006 min

Lab File: VU060514.D

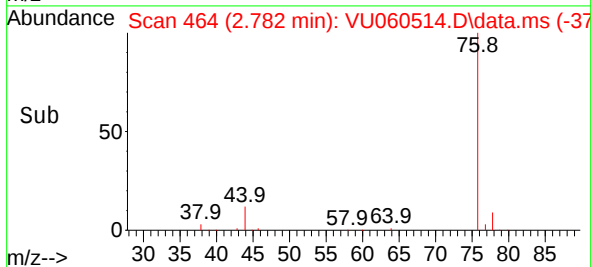
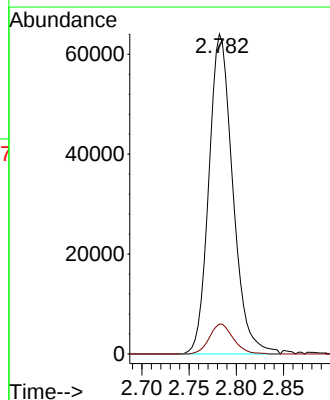
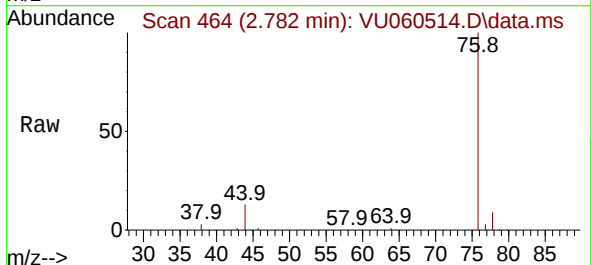
Acq: 23 Aug 2024 16:42

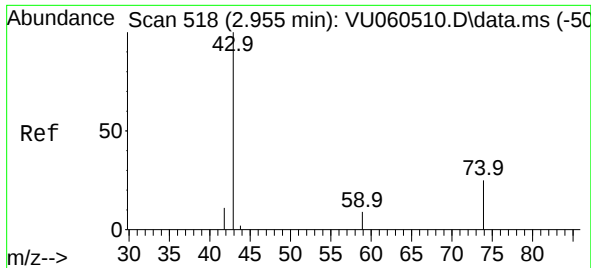
Tgt Ion: 76 Resp: 113046

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2





#15

Methyl Acetate

Concen: 5.517 ug/L

RT: 2.959 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_U

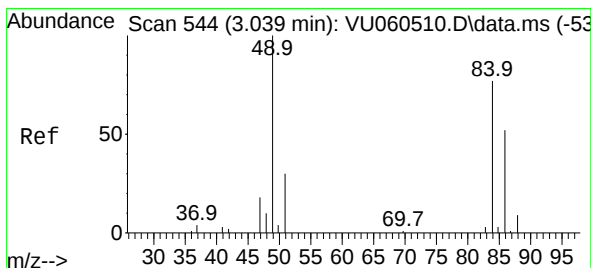
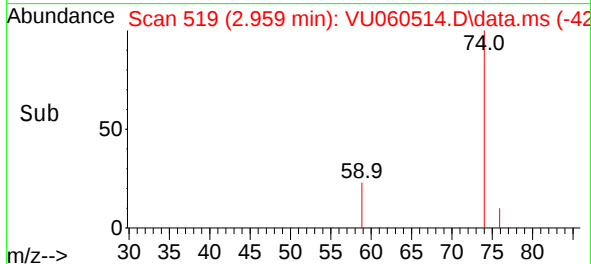
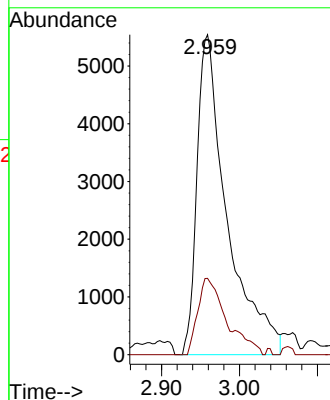
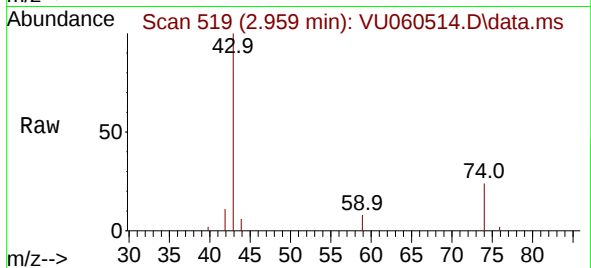
ClientSampleId :

Tgt Ion: 43 Resp: 14853

Ion Ratio Lower Upper

43 100

74 19.1 21.4 32.2#



#16

Methylene chloride

Concen: 4.662 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

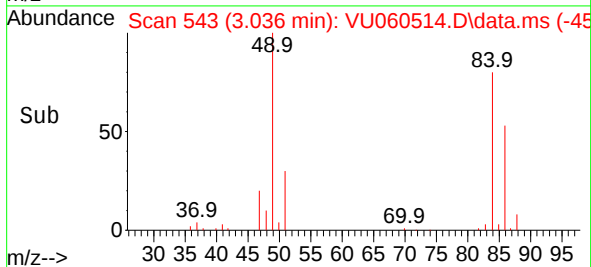
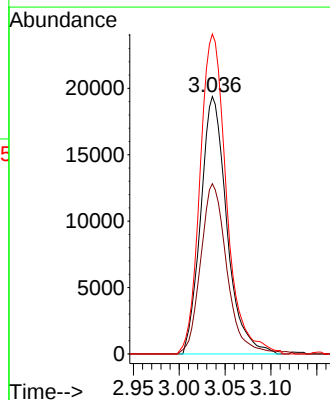
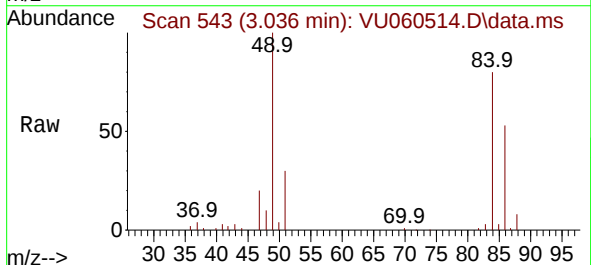
Tgt Ion: 84 Resp: 38452

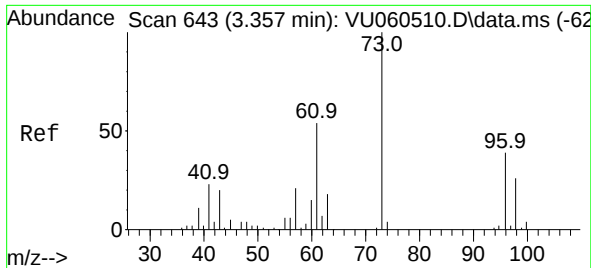
Ion Ratio Lower Upper

84 100

86 66.1 47.5 88.3

49 124.3 94.4 175.2

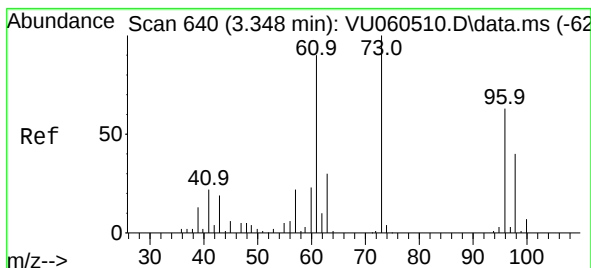
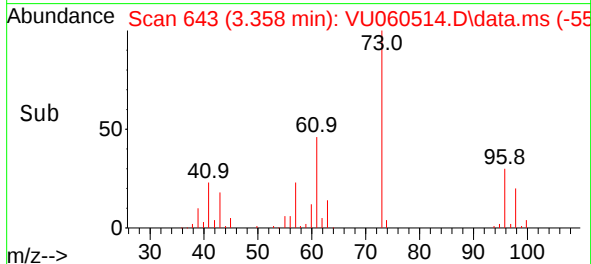
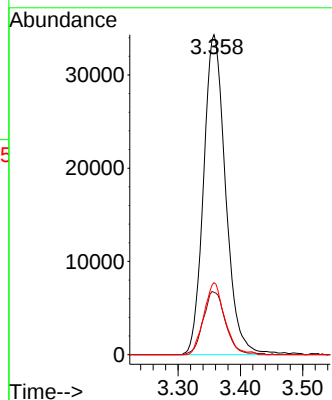
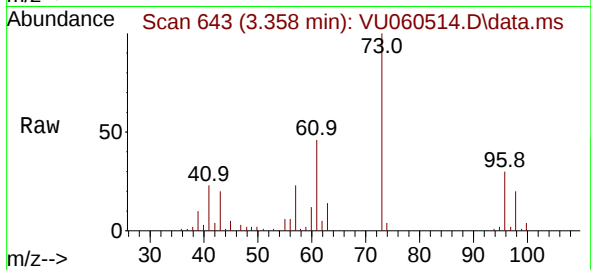




#17
Methyl tert-butyl Ether
Concen: 4.888 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

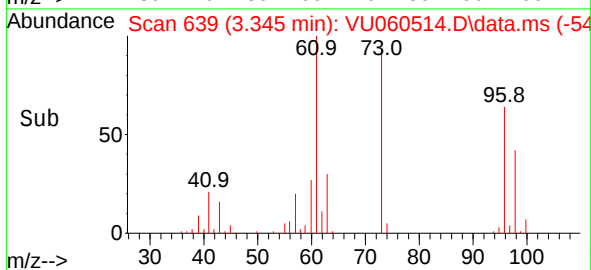
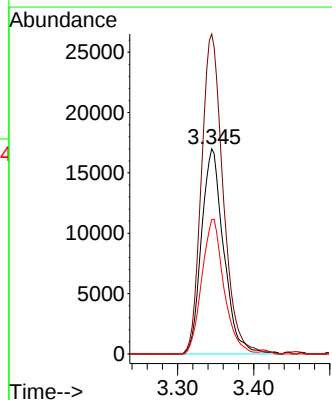
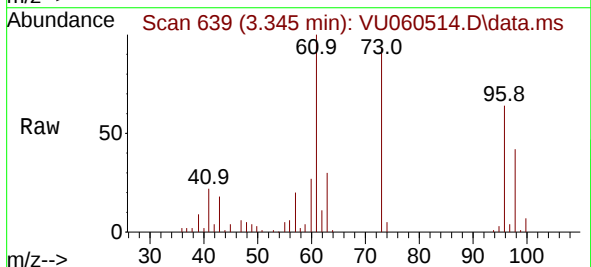
Instrument :
MSVOA_U
ClientSampleId :

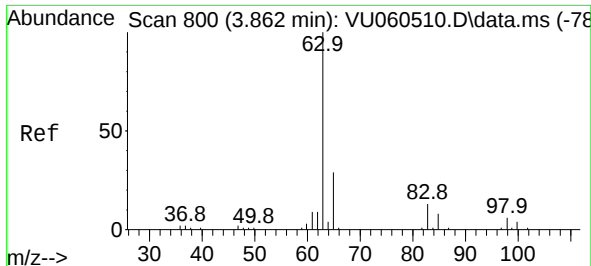
Tgt Ion: 73	Resp: 84230
Ion Ratio	Lower Upper
73 100	
43 19.7	15.8 23.6
57 21.1	16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 4.671 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 96	Resp: 34525
Ion Ratio	Lower Upper
96 100	
61 156.0	99.2 184.2
98 65.6	44.0 81.8

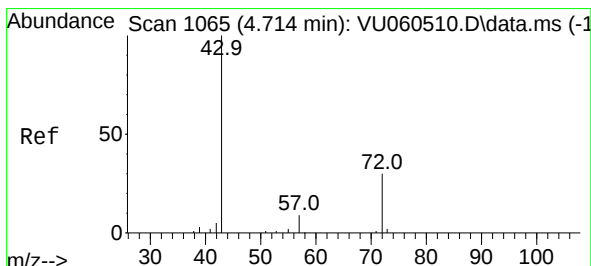
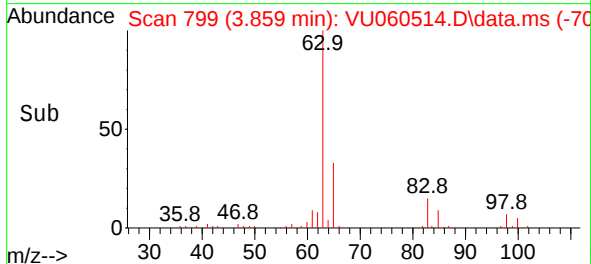
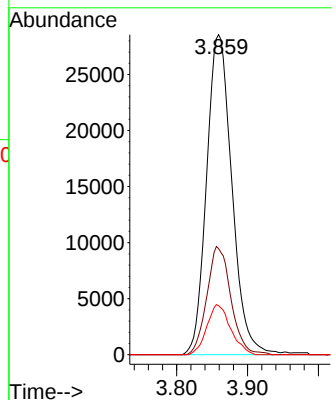
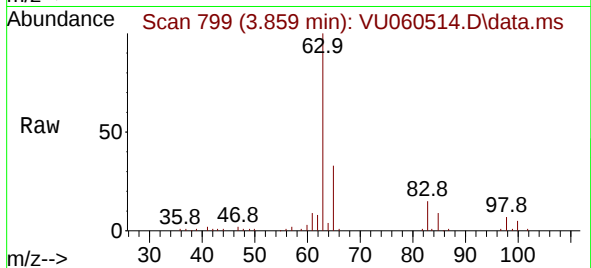




#19
1,1-Dichloroethane
Concen: 4.732 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

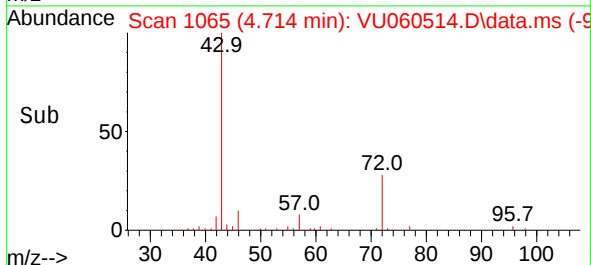
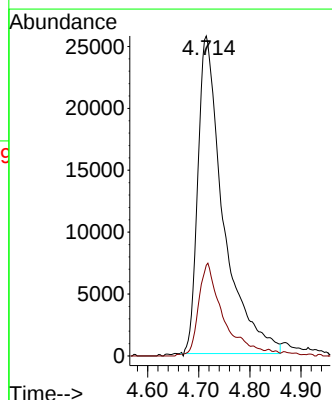
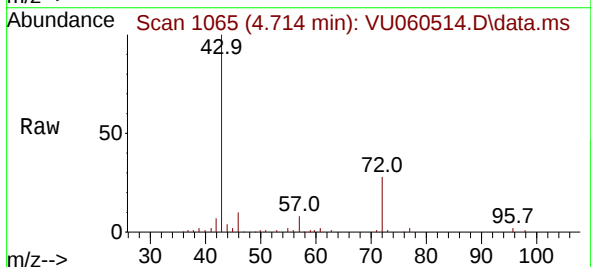
Instrument :
MSVOA_U
ClientSampleId :

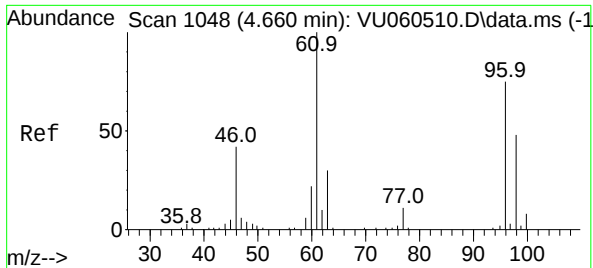
Tgt Ion: 63 Resp: 70881
Ion Ratio Lower Upper
63 100
65 33.2 20.5 38.1
83 15.3 9.2 17.2



#21
2-Butanone
Concen: 49.393 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

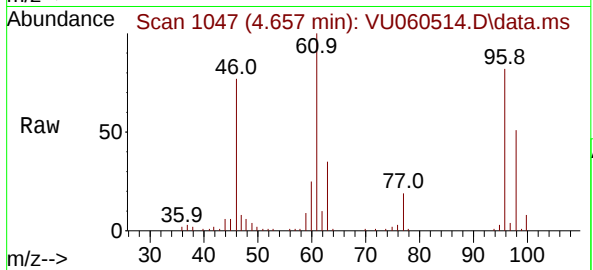
Tgt Ion: 43 Resp: 88935
Ion Ratio Lower Upper
43 100
72 28.0 14.0 42.0



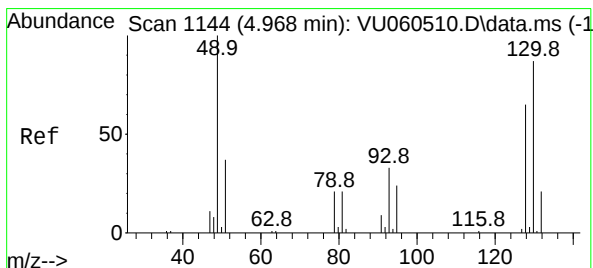
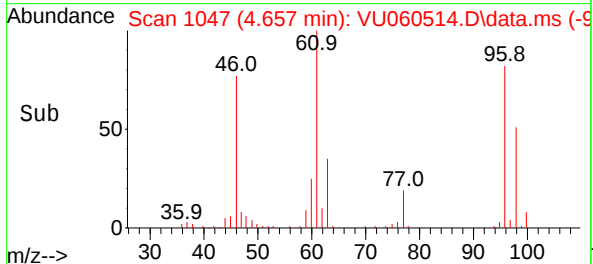
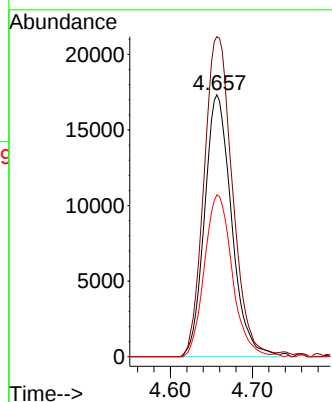


#22
 cis-1,2-Dichloroethene
 Concen: 4.821 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060514.D
 Acq: 23 Aug 2024 16:42

Instrument :
 MSVOA_U
 ClientSampleId :

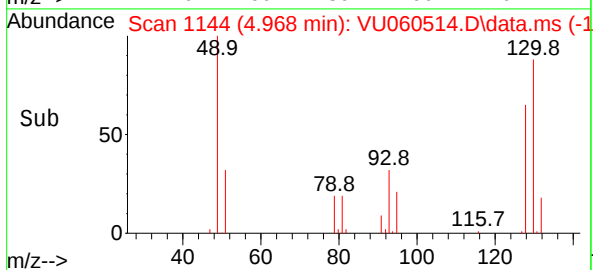
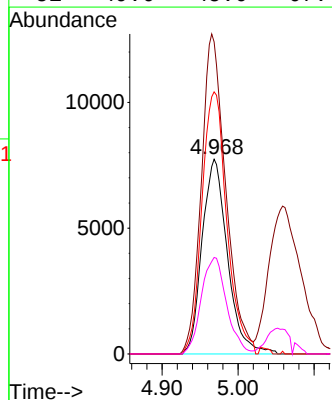
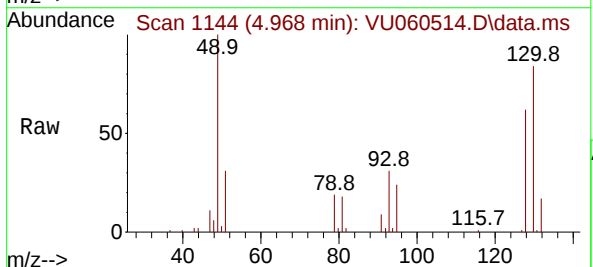


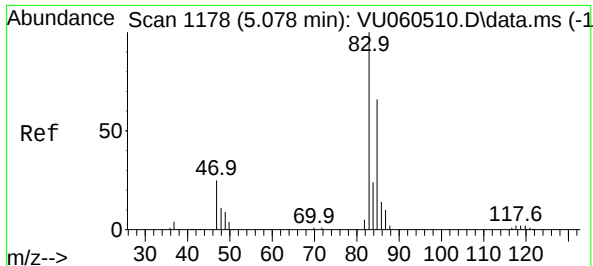
Tgt Ion:	96	Resp:	39707
Ion	Ratio	Lower	Upper
96	100		
61	122.2	92.9	172.5
98	61.8	45.0	83.6



#23
 Bromochloromethane
 Concen: 4.786 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060514.D
 Acq: 23 Aug 2024 16:42

Tgt Ion:	128	Resp:	17914
Ion	Ratio	Lower	Upper
128	100		
49	160.2	108.1	200.7
130	134.6	93.1	172.9
51	49.6	45.0	67.4





#25

Chloroform

Concen: 4.730 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_U

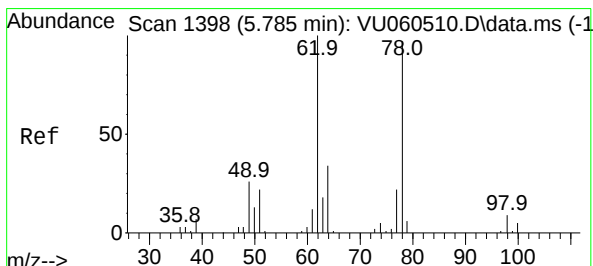
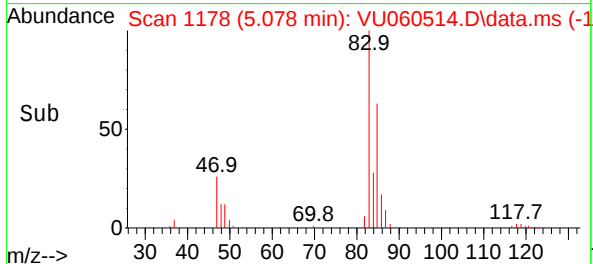
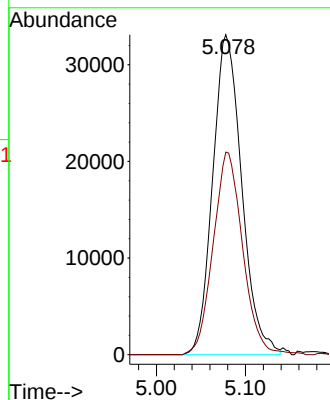
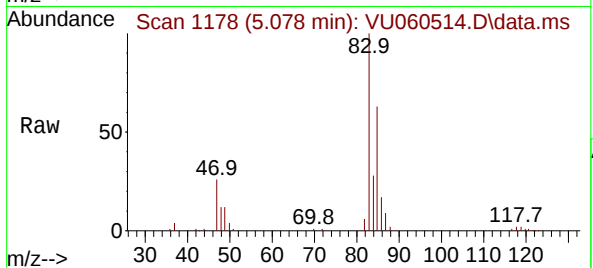
ClientSampleId :

Tgt Ion: 83 Resp: 74990

Ion Ratio Lower Upper

83 100

85 63.3 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.463 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU060514.D

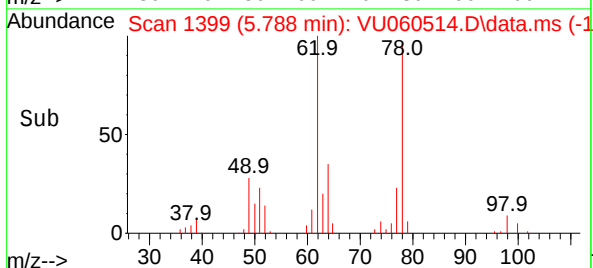
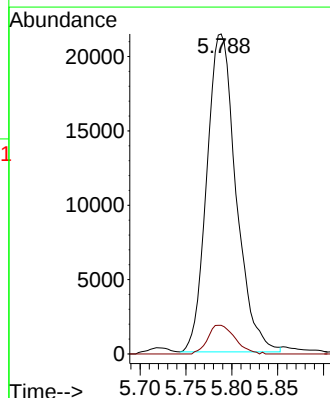
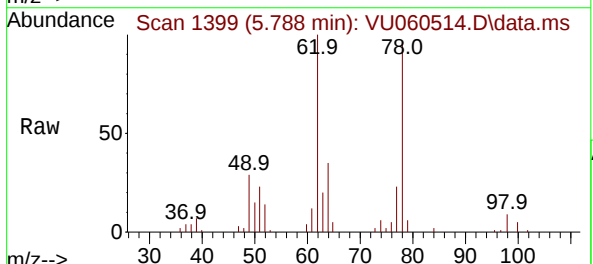
Acq: 23 Aug 2024 16:42

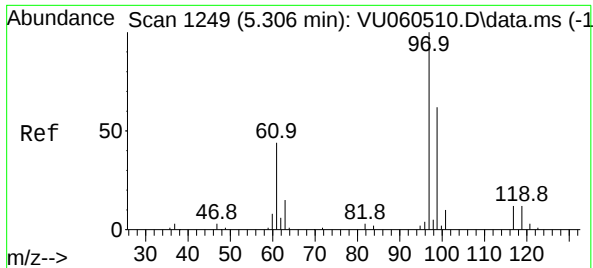
Tgt Ion: 62 Resp: 47487

Ion Ratio Lower Upper

62 100

98 8.9 7.0 10.4

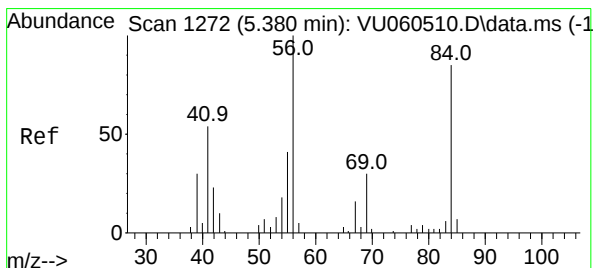
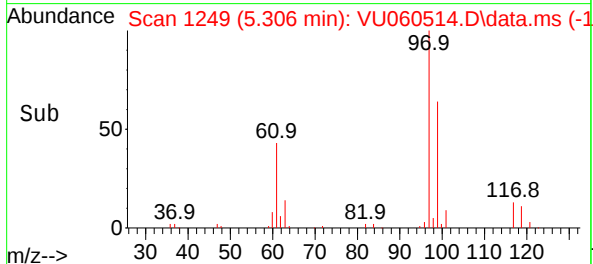
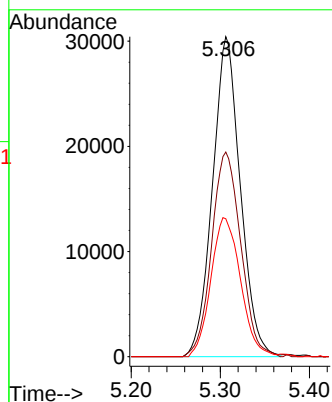
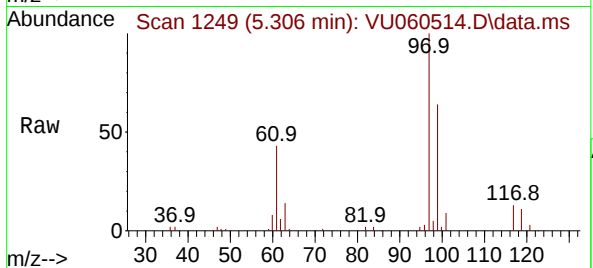




#29
1,1,1-Trichloroethane
Concen: 4.729 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

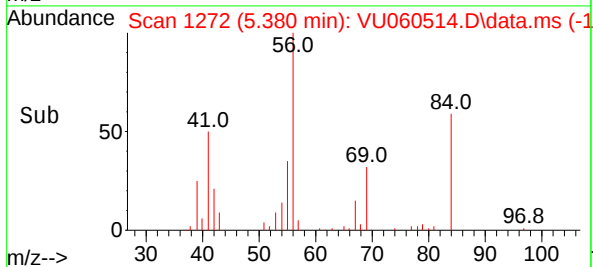
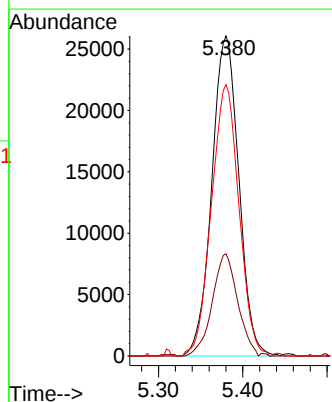
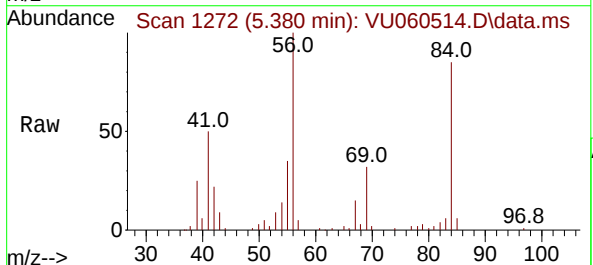
Instrument :
MSVOA_U
ClientSampleId :

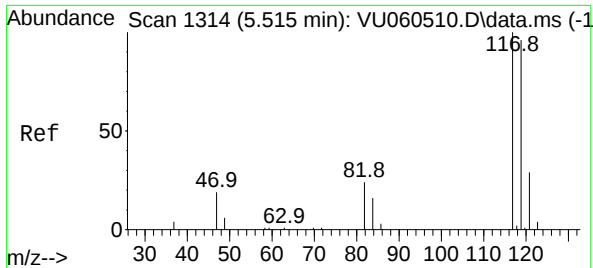
Tgt Ion: 97 Resp: 66037
Ion Ratio Lower Upper
97 100
99 67.0 49.7 74.5
61 46.3 35.4 53.2



#30
Cyclohexane
Concen: 5.016 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 56 Resp: 57991
Ion Ratio Lower Upper
56 100
69 30.1 24.2 36.2
84 86.3 69.7 104.5

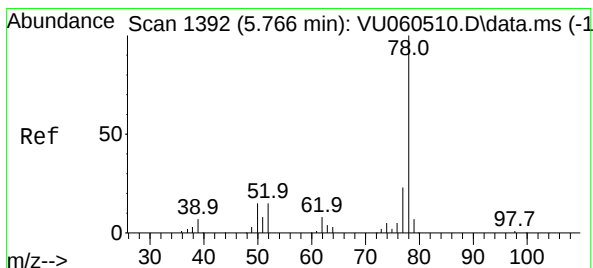
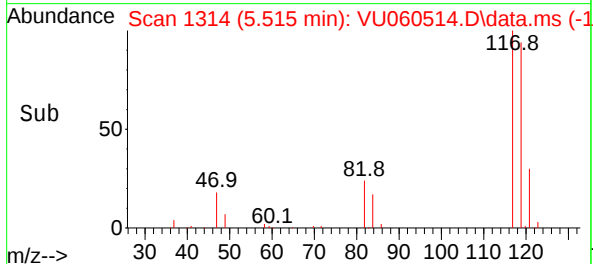
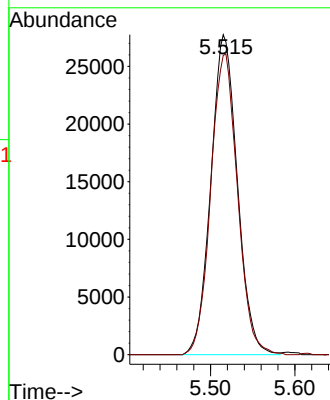
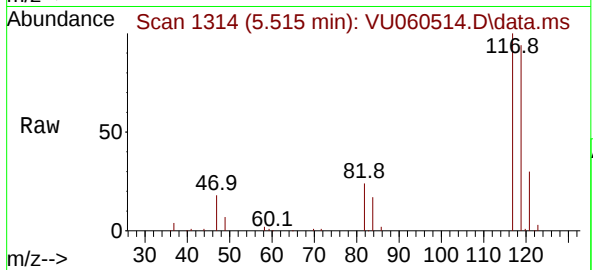




#31
Carbon tetrachloride
Concen: 4.697 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

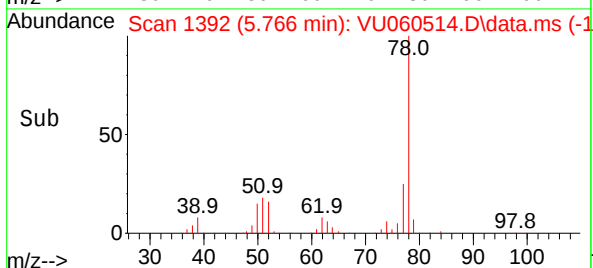
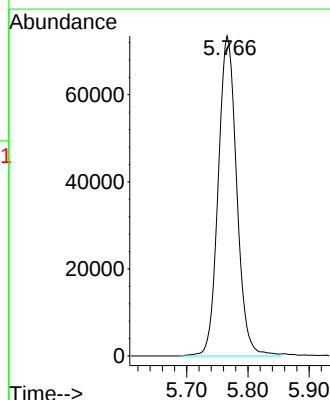
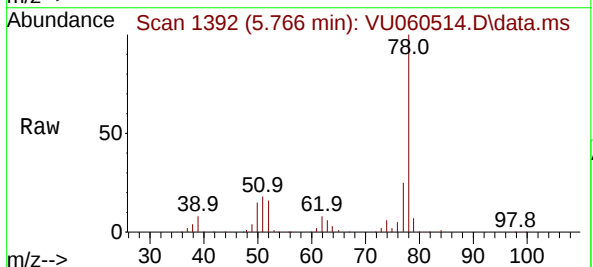
Instrument :
MSVOA_U
ClientSampleId :

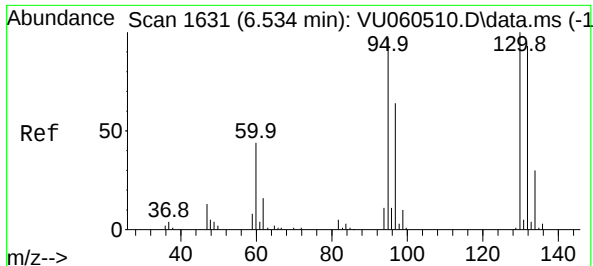
Tgt Ion:117 Resp: 60616
Ion Ratio Lower Upper
117 100
119 94.8 76.4 114.6



#33
Benzene
Concen: 4.782 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

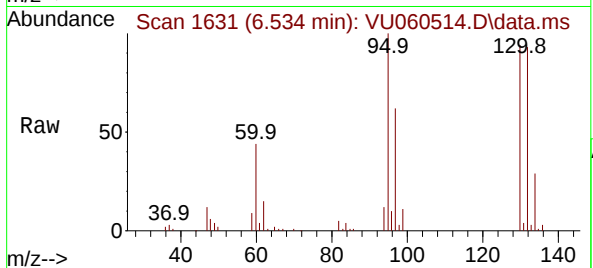
Tgt Ion: 78 Resp: 154644



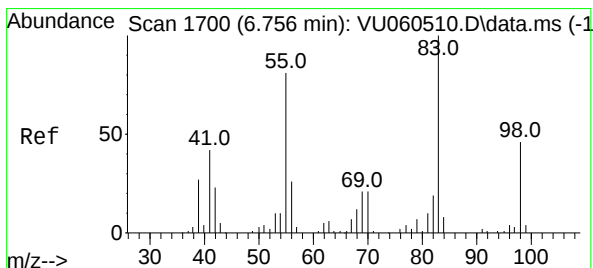
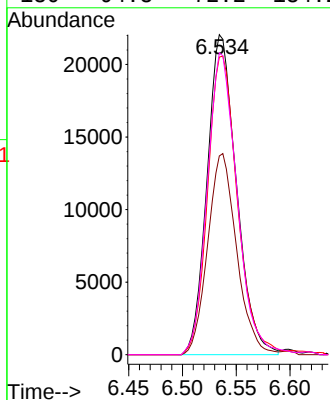
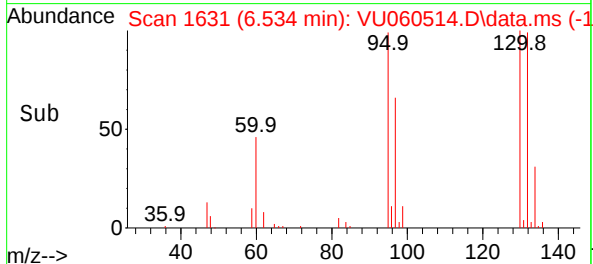


#34
Trichloroethene
Concen: 4.781 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

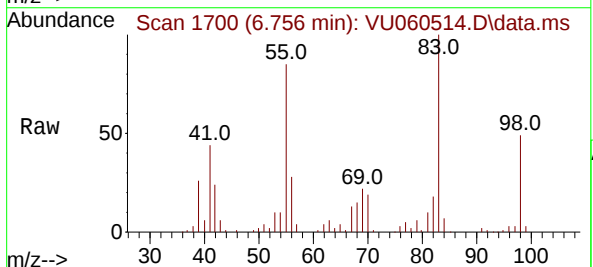
Instrument :
MSVOA_U
ClientSampleId :



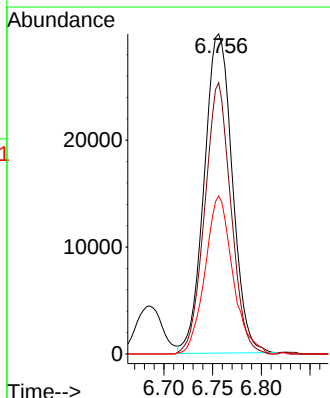
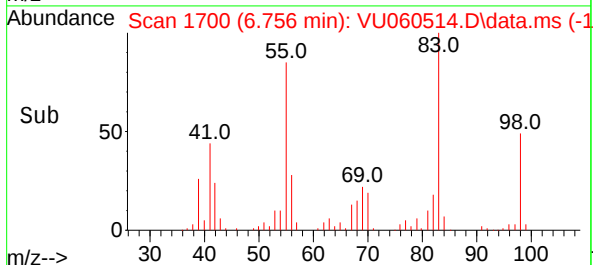
Tgt Ion: 95 Resp: 41906
Ion Ratio Lower Upper
95 100
97 62.1 45.8 85.2
132 93.0 67.4 125.2
130 94.3 72.2 134.2

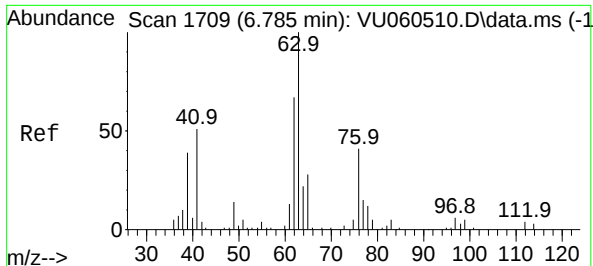


#35
Methylcyclohexane
Concen: 4.998 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42



Tgt Ion: 83 Resp: 60110
Ion Ratio Lower Upper
83 100
55 79.1 65.8 98.8
98 48.7 37.8 56.8

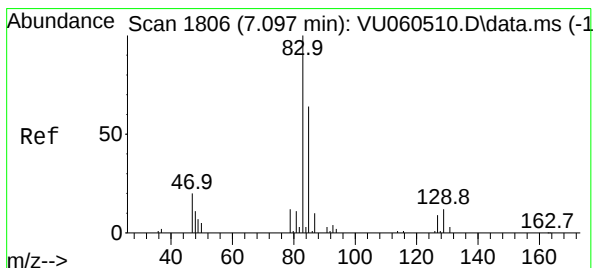
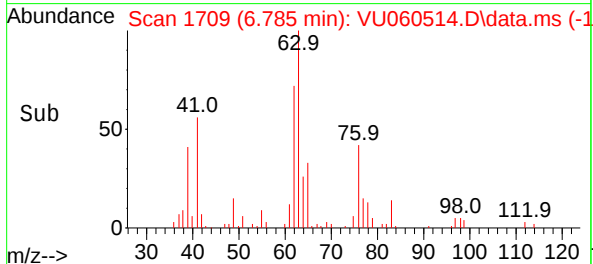
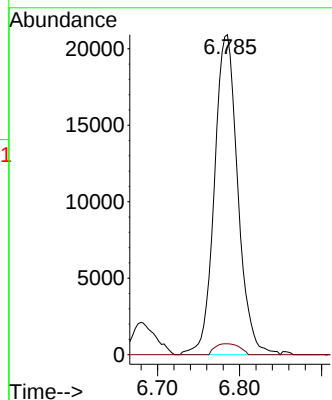
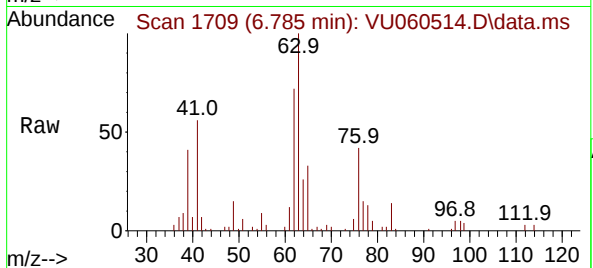




#37
1,2-Dichloropropane
Concen: 5.012 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

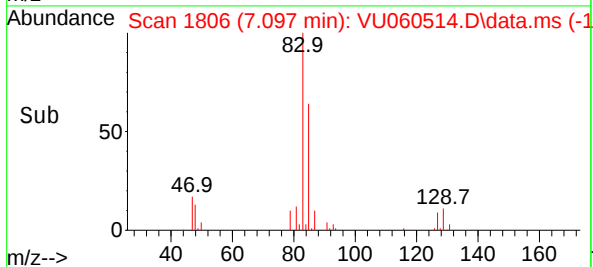
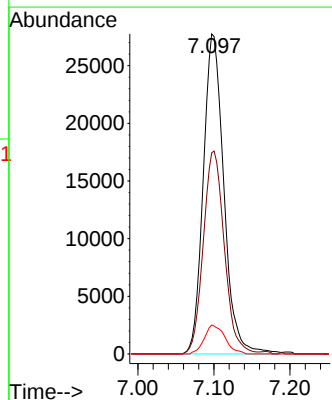
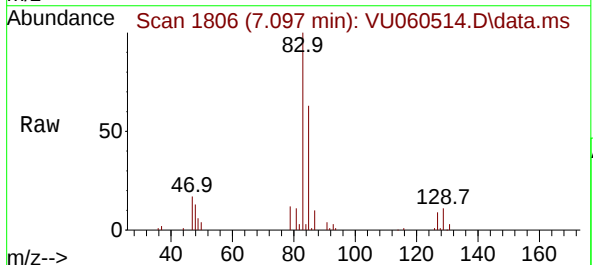
Instrument :
MSVOA_U
ClientSampleId :

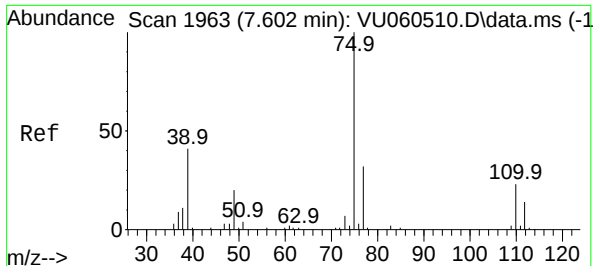
Tgt Ion: 63 Resp: 41531
Ion Ratio Lower Upper
63 100
112 3.5 2.3 3.5#



#38
Bromodichloromethane
Concen: 4.796 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 83 Resp: 52212
Ion Ratio Lower Upper
83 100
85 62.9 44.9 83.5
127 9.0 7.3 10.9

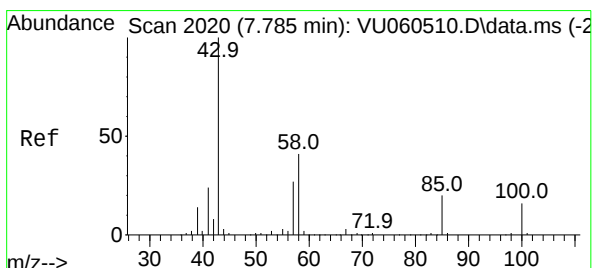
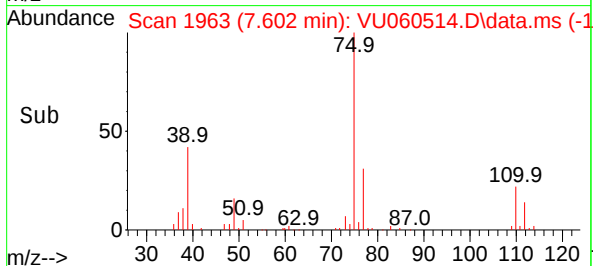
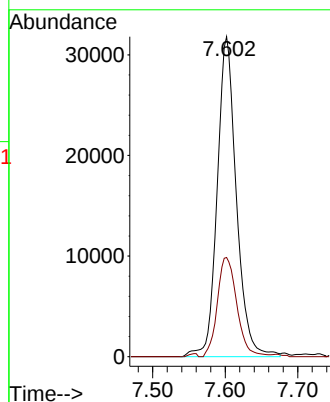
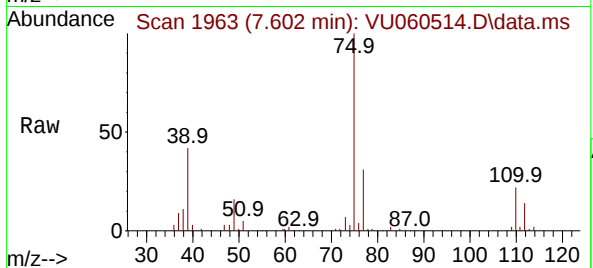




#39
cis-1,3-Dichloropropene
Concen: 4.819 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

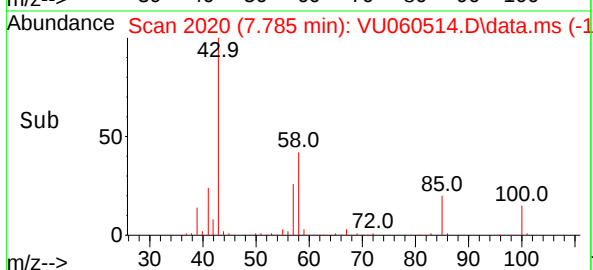
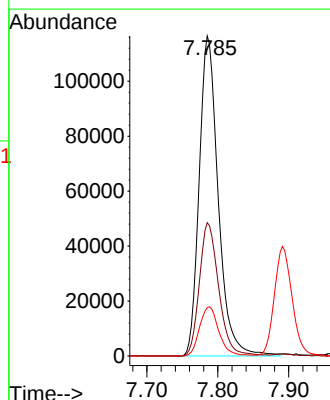
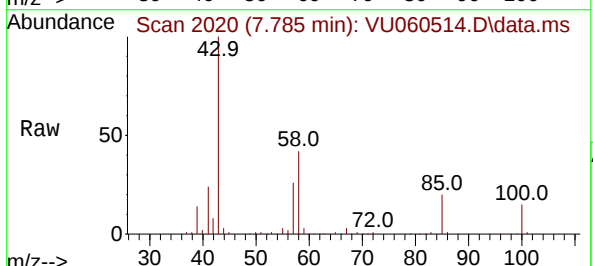
Instrument :
MSVOA_U
ClientSampleId :

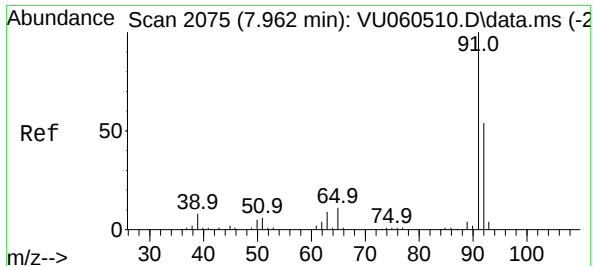
Tgt Ion: 75 Resp: 58549
Ion Ratio Lower Upper
75 100
77 31.0 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 50.391 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 43 Resp: 217452
Ion Ratio Lower Upper
43 100
58 42.3 32.5 48.7
100 15.6 12.5 18.7





#42

Toluene

Concen: 4.906 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_U

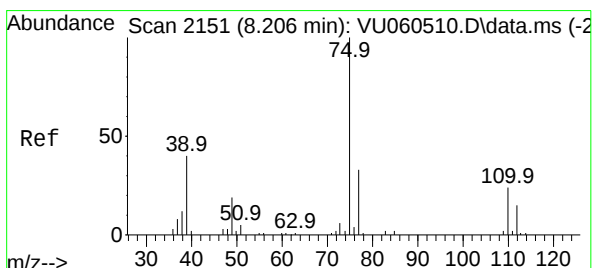
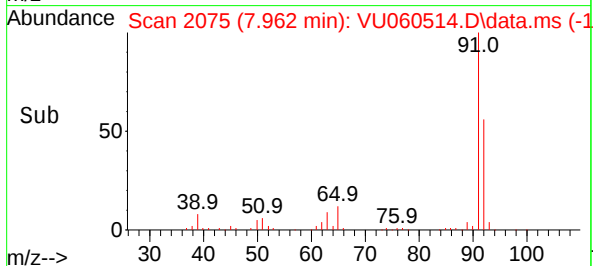
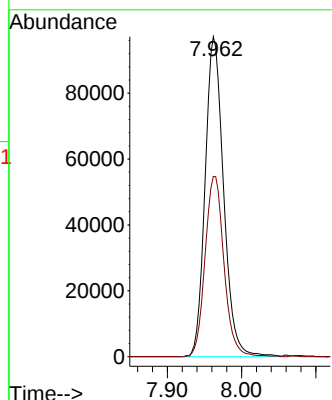
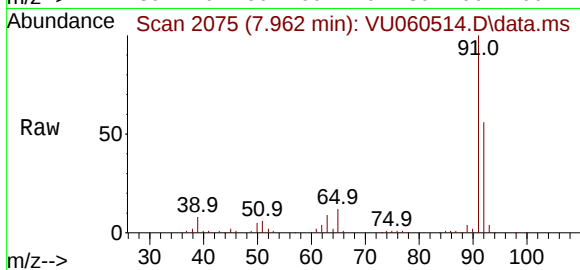
ClientSampleId :

Tgt Ion: 91 Resp: 167645

Ion Ratio Lower Upper

91 100

92 56.4 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 4.981 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060514.D

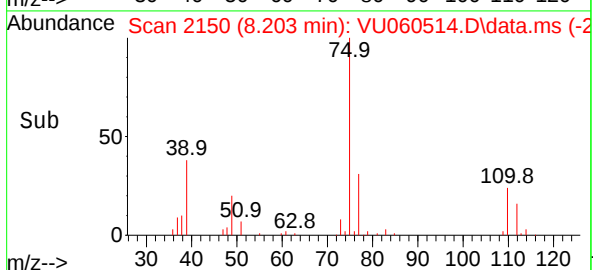
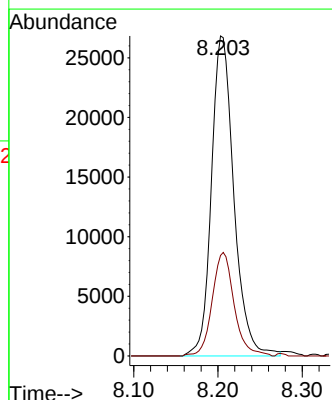
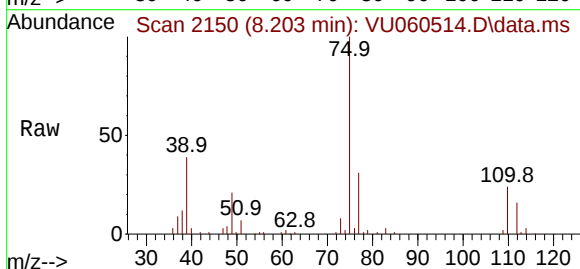
Acq: 23 Aug 2024 16:42

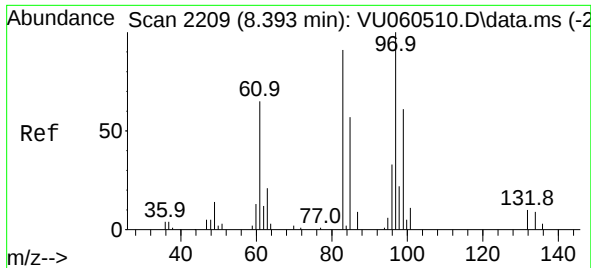
Tgt Ion: 75 Resp: 49681

Ion Ratio Lower Upper

75 100

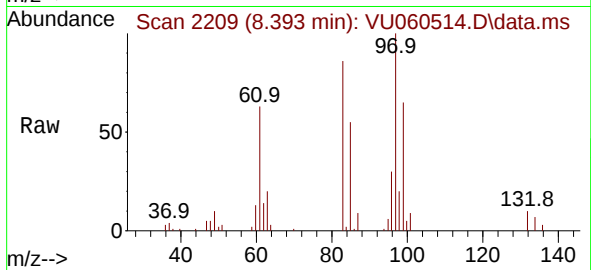
77 31.4 23.4 43.6



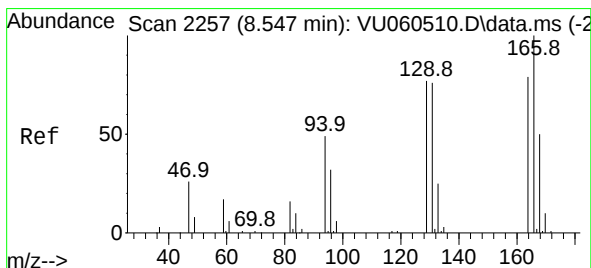
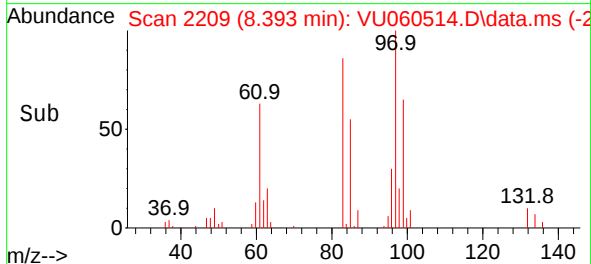
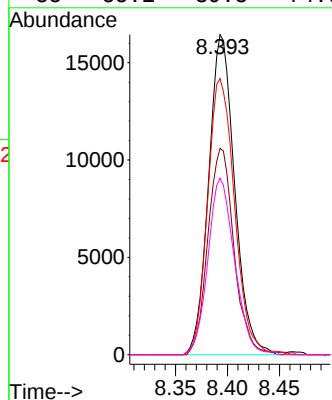


#45
1,1,2-Trichloroethane
Concen: 4.764 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Instrument :
MSVOA_U
ClientSampleId :

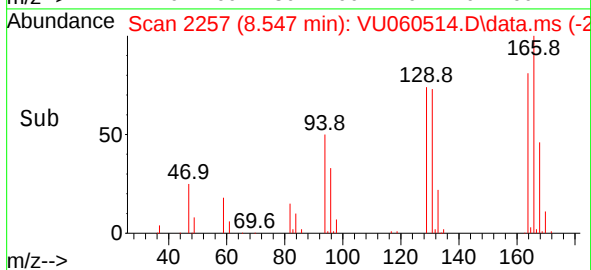
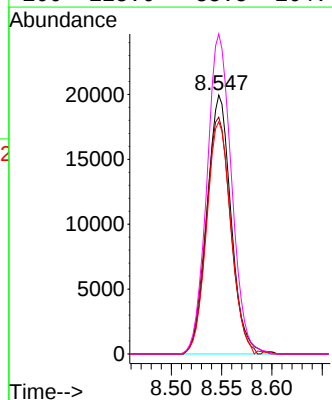
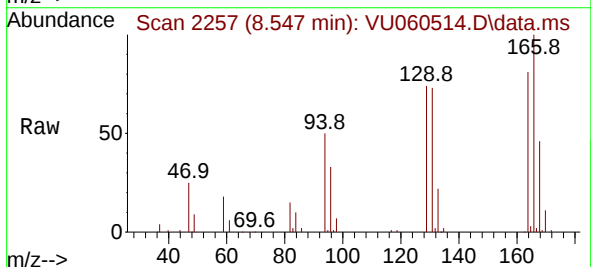


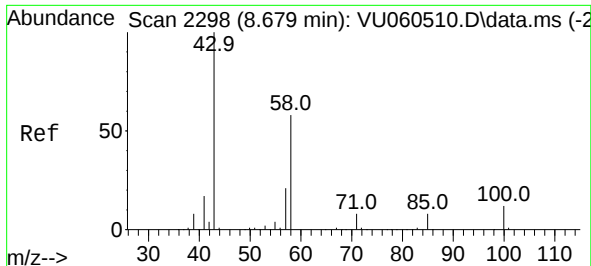
Tgt Ion: 97	Resp: 28596
Ion Ratio	Lower Upper
97 100	
99 64.5	42.4 78.8
83 86.3	64.0 119.0
85 55.1	39.8 74.0



#47
Tetrachloroethene
Concen: 4.609 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt	Ion:164	Resp:	33116
Ion	Ratio	Lower	Upper
164	100		
129	91.5	67.8	125.8
131	89.7	67.2	124.8
166	123.6	88.5	164.4





#48

2-Hexanone

Concen: 50.523 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 163165

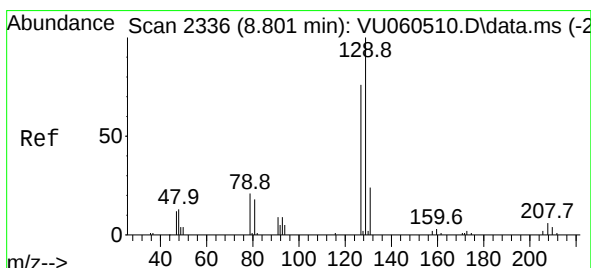
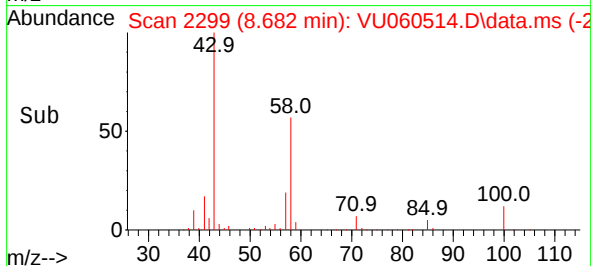
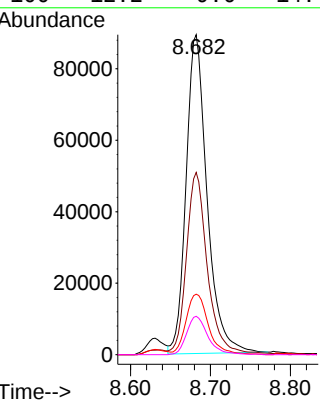
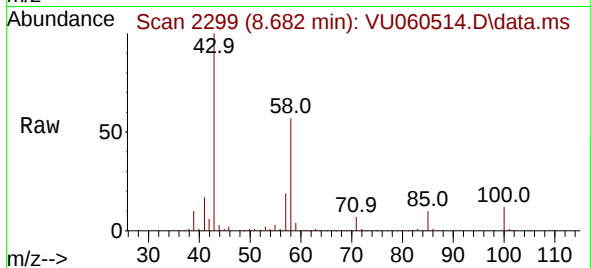
Ion Ratio Lower Upper

43 100

58 56.5 45.6 68.4

57 20.4 15.6 23.4

100 12.2 9.6 14.4



#49

Dibromochloromethane

Concen: 5.016 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU060514.D

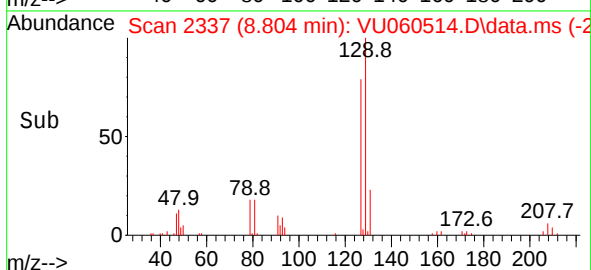
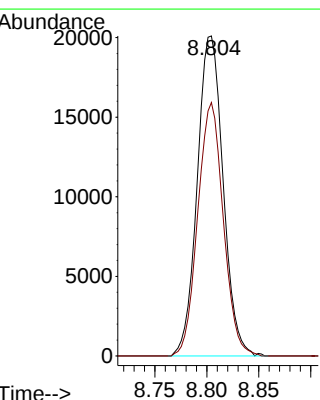
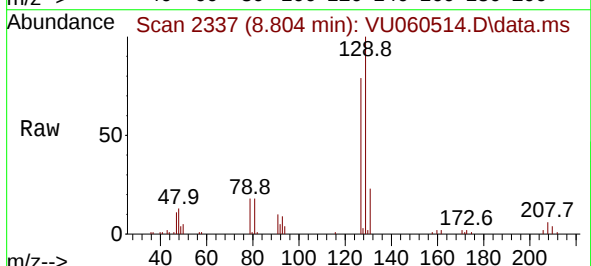
Acq: 23 Aug 2024 16:42

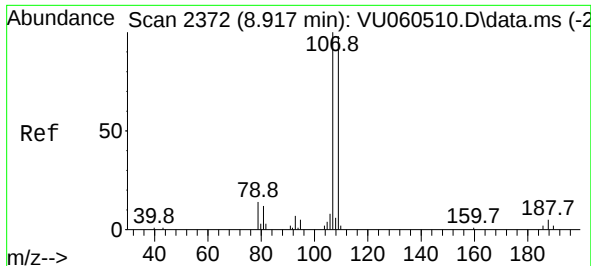
Tgt Ion:129 Resp: 34853

Ion Ratio Lower Upper

129 100

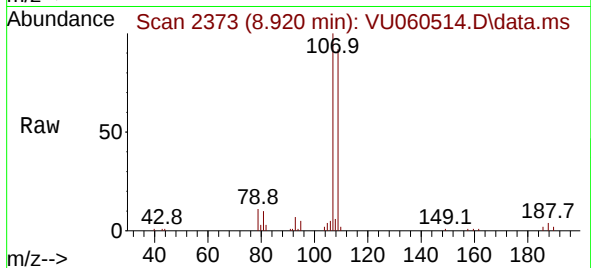
127 79.2 53.0 98.4



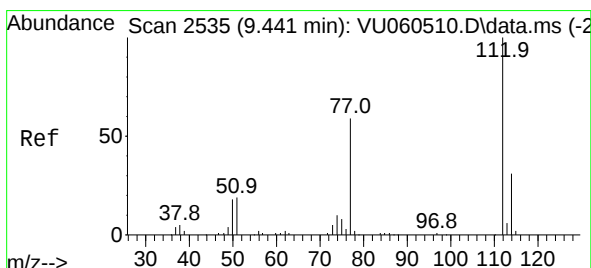
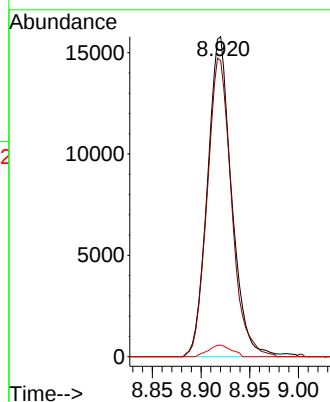
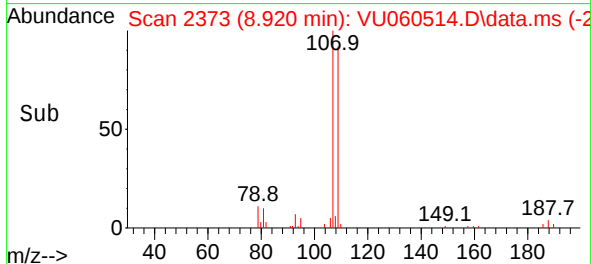


#50
1,2-Dibromoethane
Concen: 4.942 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Instrument :
MSVOA_U
ClientSampleId :

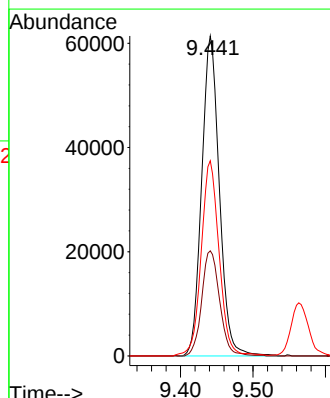
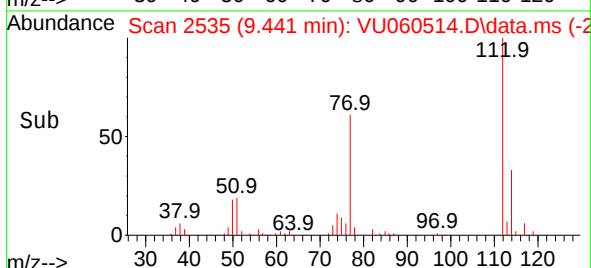
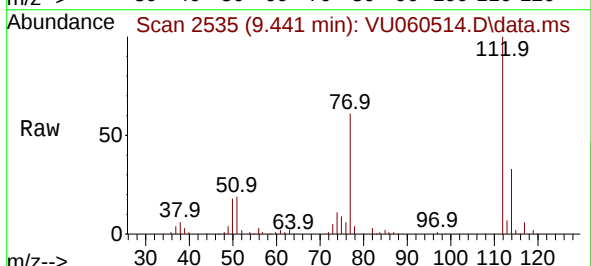


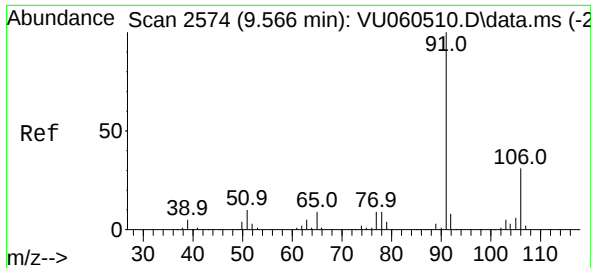
Tgt Ion:107 Resp: 27233
Ion Ratio Lower Upper
107 100
109 92.4 68.5 127.3
188 3.6 3.9 5.9#



#51
Chlorobenzene
Concen: 4.700 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion:112 Resp: 103979
Ion Ratio Lower Upper
112 100
114 32.9 21.9 40.7
77 61.0 47.4 71.2

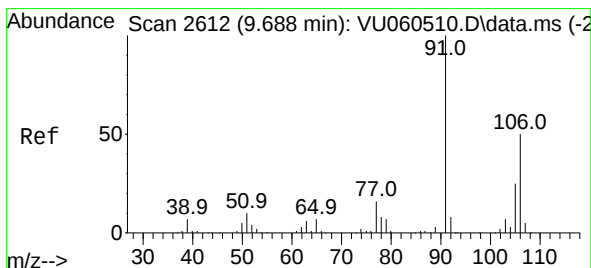
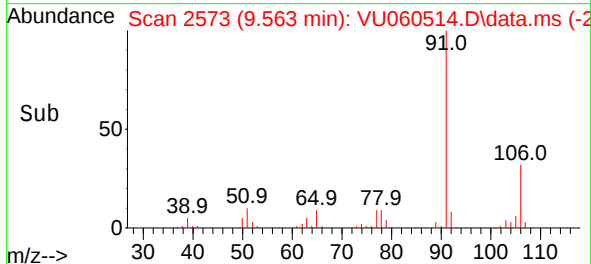
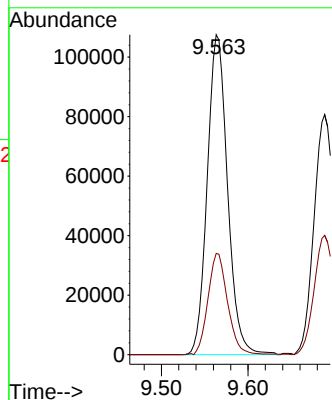
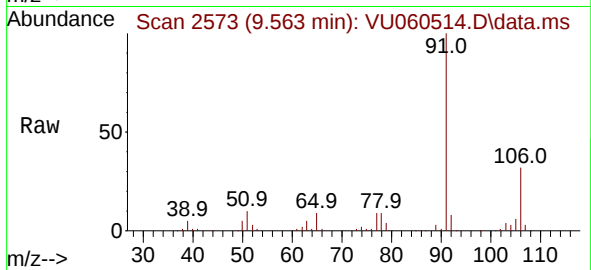




#52
Ethylbenzene
Concen: 4.834 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

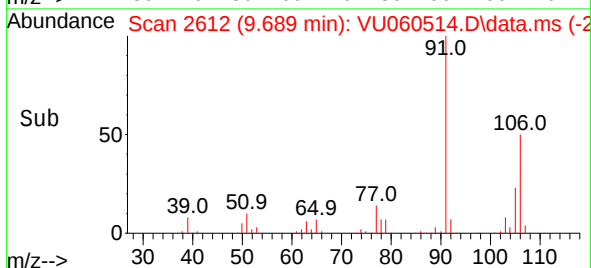
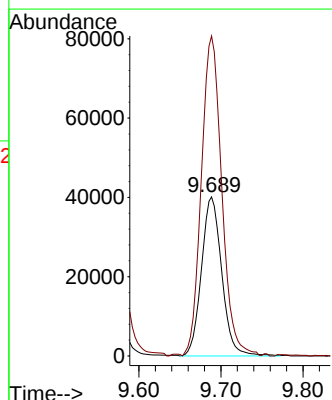
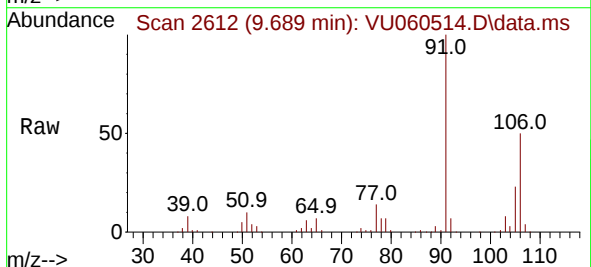
Instrument :
MSVOA_U
ClientSampleId :

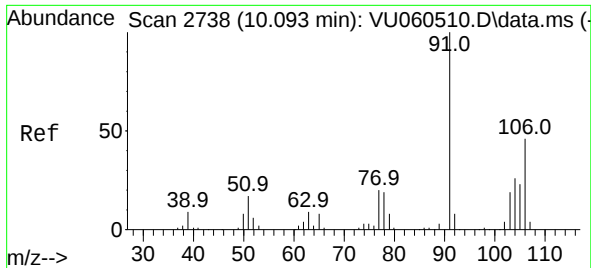
Tgt Ion: 91 Resp: 175047
Ion Ratio Lower Upper
91 100
106 31.7 21.9 40.7



#53
m,p-Xylene
Concen: 5.132 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion:106 Resp: 69088
Ion Ratio Lower Upper
106 100
91 201.2 141.5 262.9

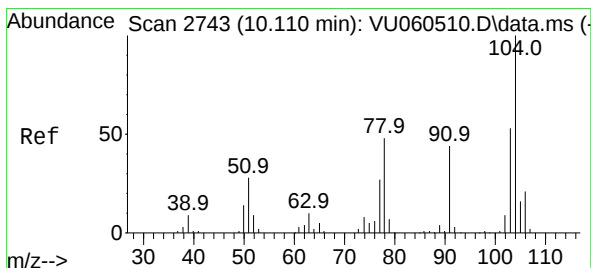
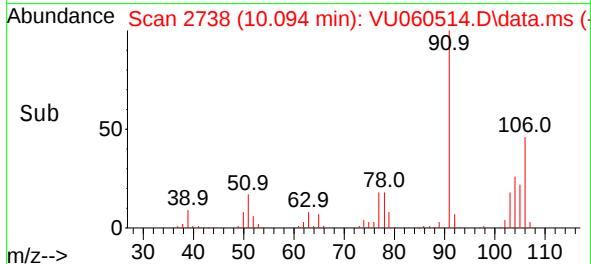
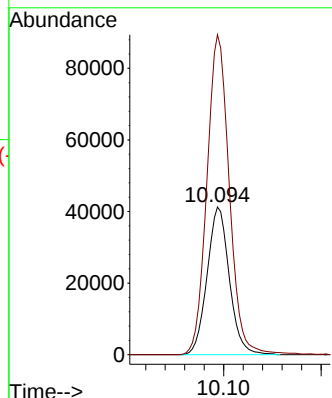
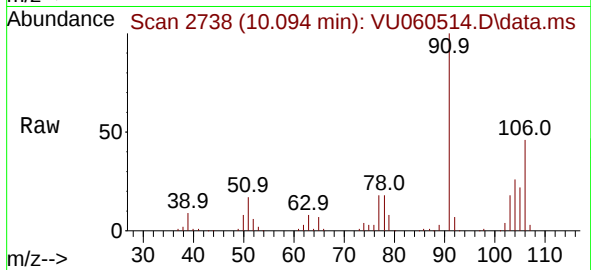




#54
o-Xylene
Concen: 4.743 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

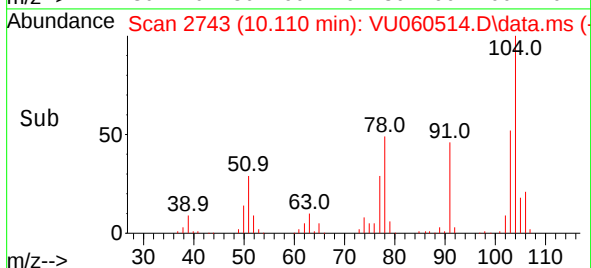
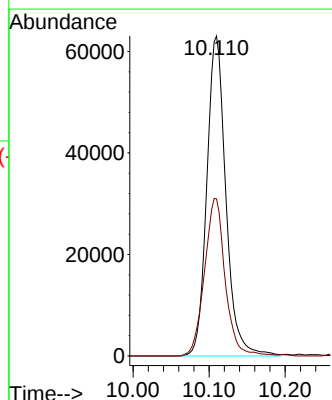
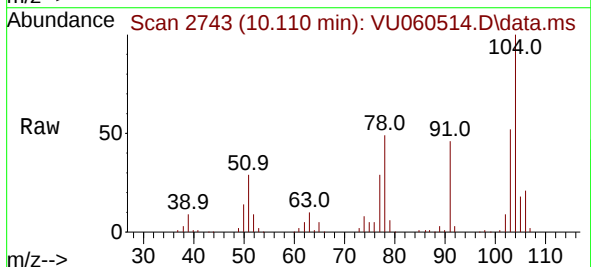
Instrument :
MSVOA_U
ClientSampleId :

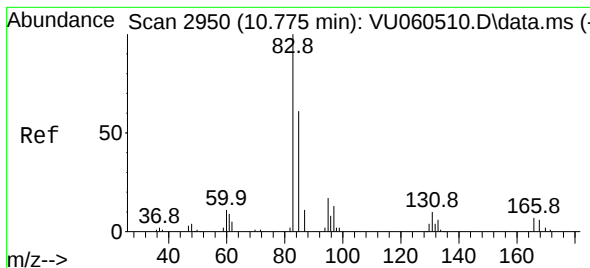
Tgt Ion:106 Resp: 65374
Ion Ratio Lower Upper
106 100
91 216.7 151.1 280.7



#55
Styrene
Concen: 4.865 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion:104 Resp: 109871
Ion Ratio Lower Upper
104 100
78 49.1 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.675 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_U

ClientSampleId :

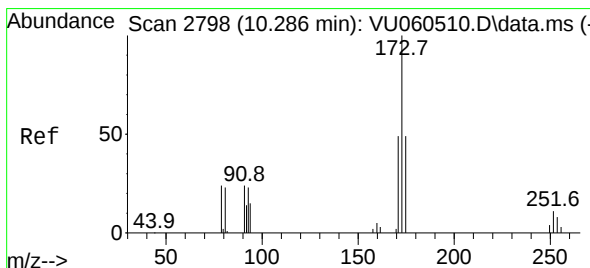
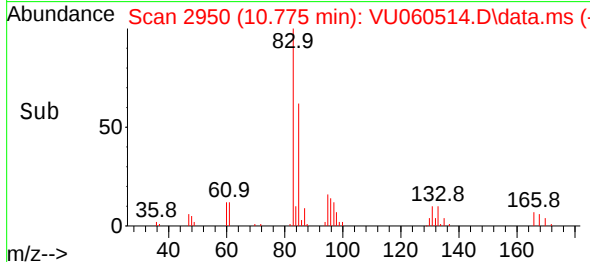
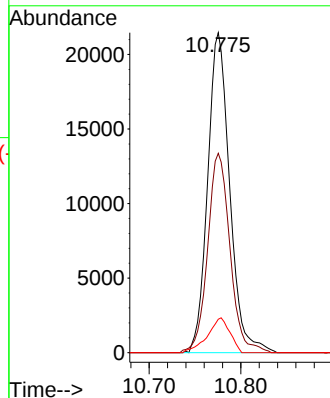
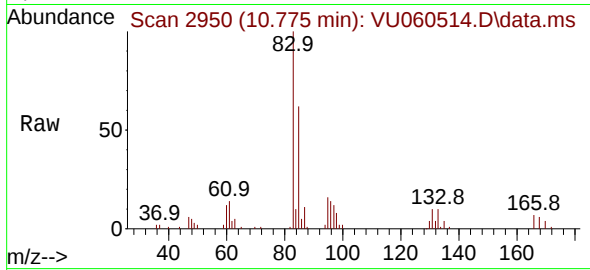
Tgt Ion: 83 Resp: 35829

Ion Ratio Lower Upper

83 100

85 62.3 43.3 80.5

131 10.4 8.9 13.3



#59

Bromoform

Concen: 4.890 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

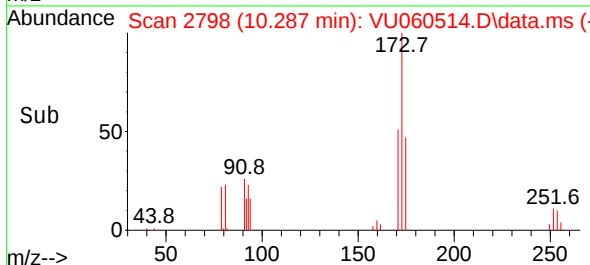
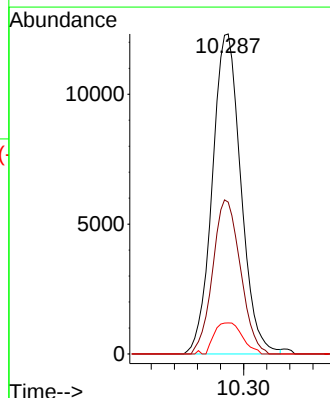
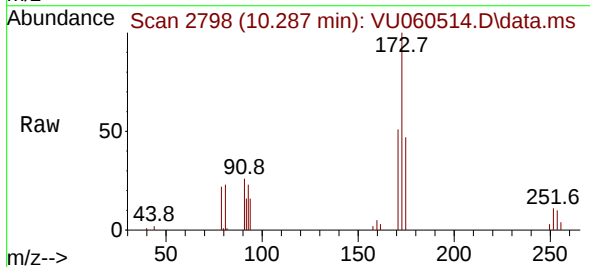
Tgt Ion:173 Resp: 21179

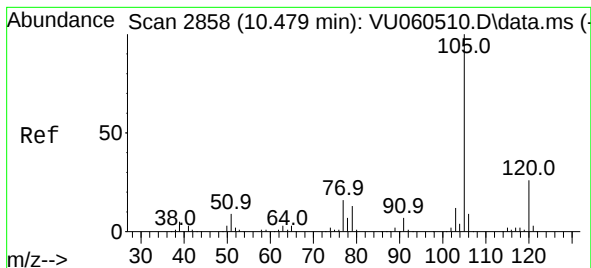
Ion Ratio Lower Upper

173 100

175 46.7 39.8 59.8

254 9.6 8.2 12.2





#60

Isopropylbenzene

Concen: 4.881 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_U

ClientSampleId :

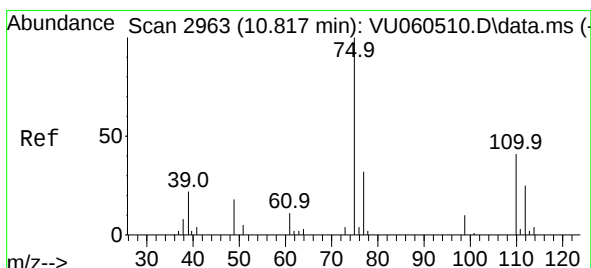
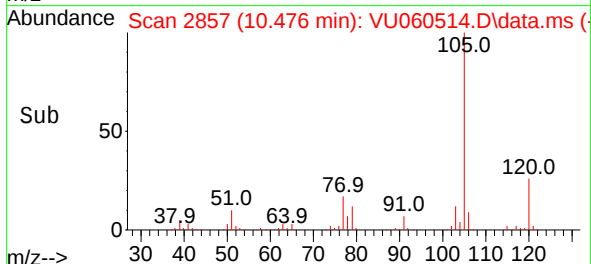
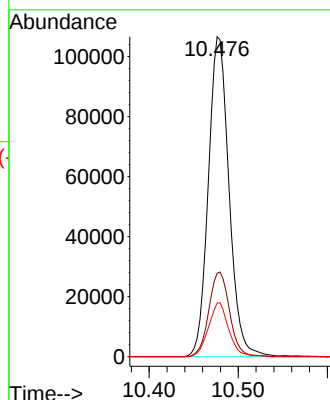
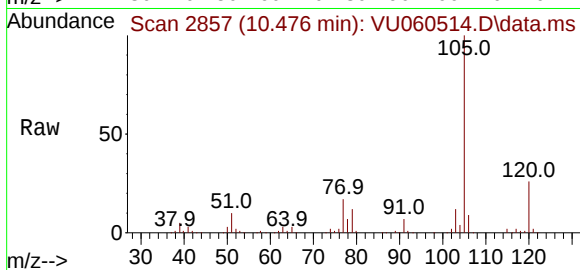
Tgt Ion:105 Resp: 171859

Ion Ratio Lower Upper

105 100

120 26.5 21.0 31.4

77 16.5 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.159 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

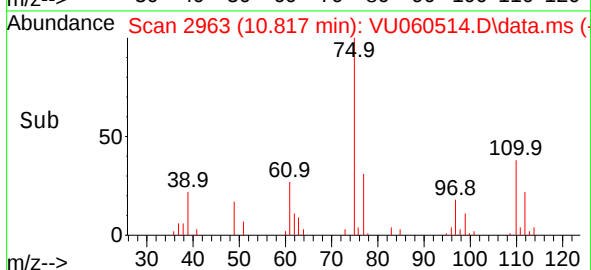
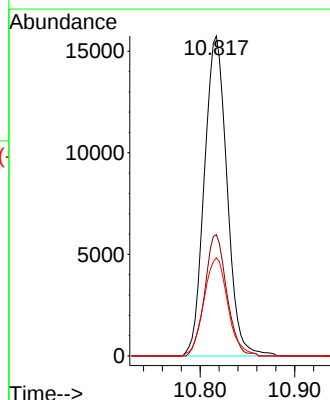
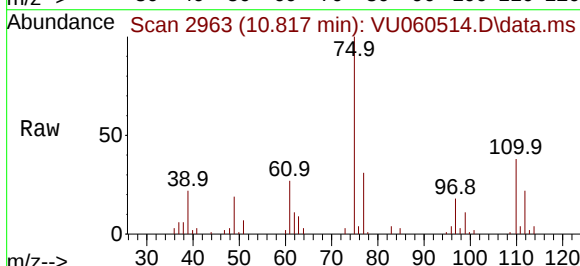
Tgt Ion: 75 Resp: 26227

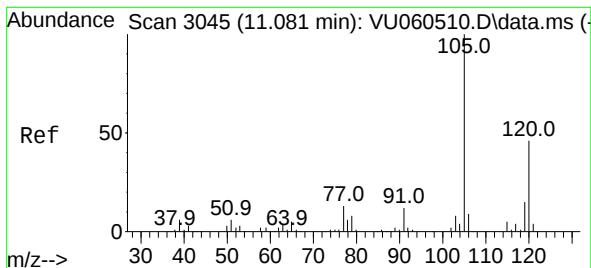
Ion Ratio Lower Upper

75 100

110 36.8 30.2 45.4

77 32.5 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.195 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_U

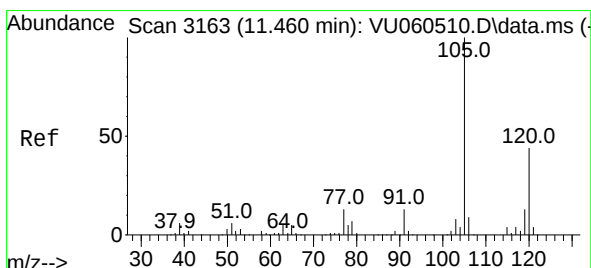
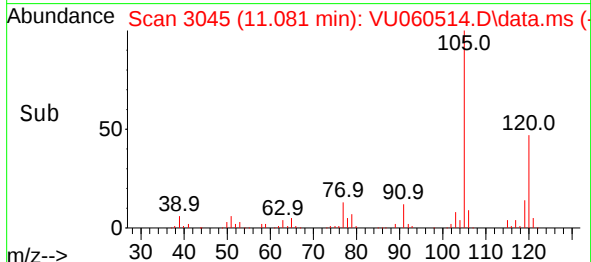
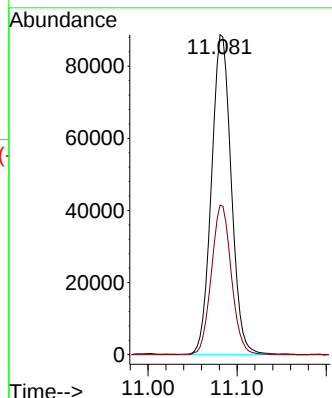
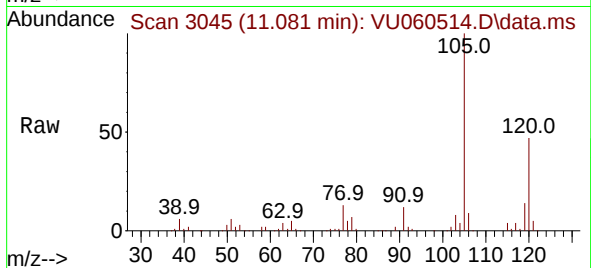
ClientSampleId :

Tgt Ion:105 Resp: 136322

Ion Ratio Lower Upper

105 100

120 47.3 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.187 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060514.D

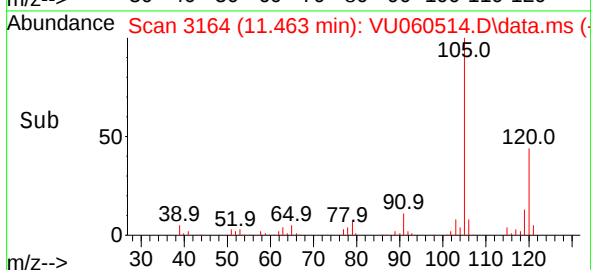
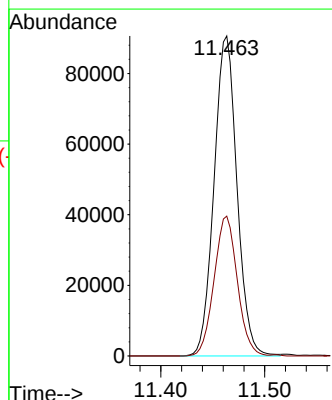
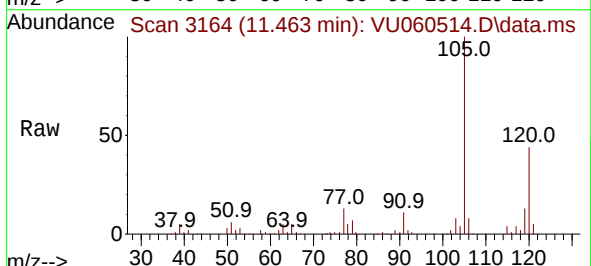
Acq: 23 Aug 2024 16:42

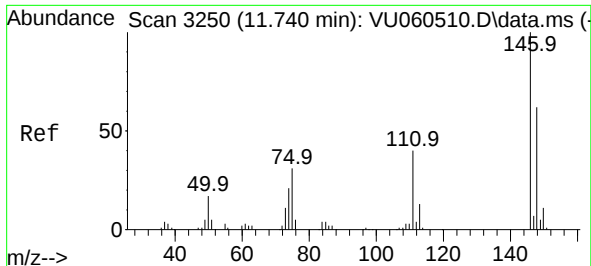
Tgt Ion:105 Resp: 138861

Ion Ratio Lower Upper

105 100

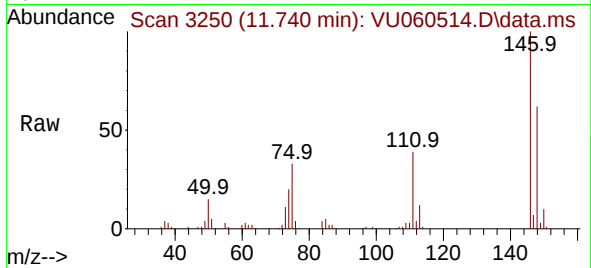
120 44.3 35.7 53.5



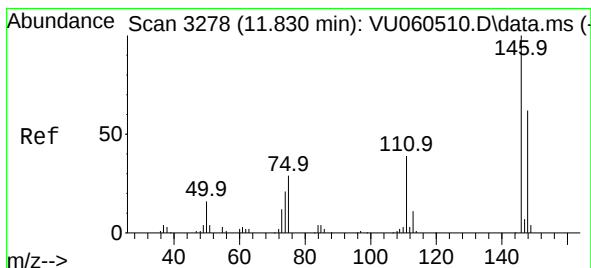
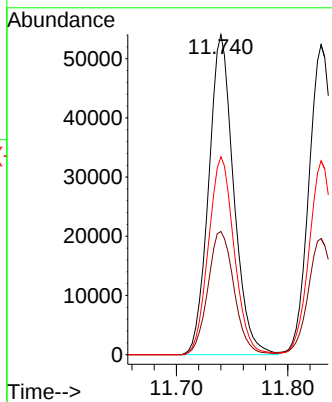
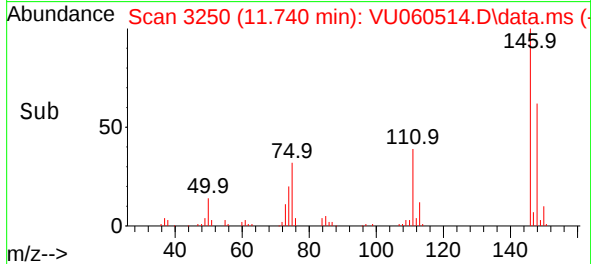


#64
1,3-Dichlorobenzene
Concen: 4.894 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

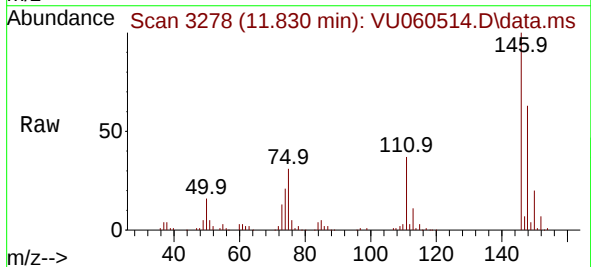
Instrument :
MSVOA_U
ClientSampleId :



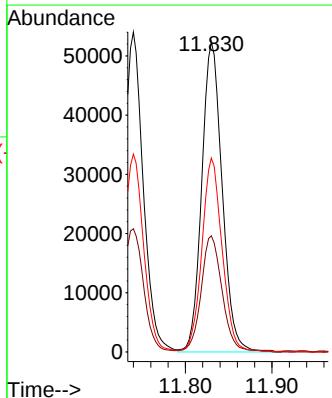
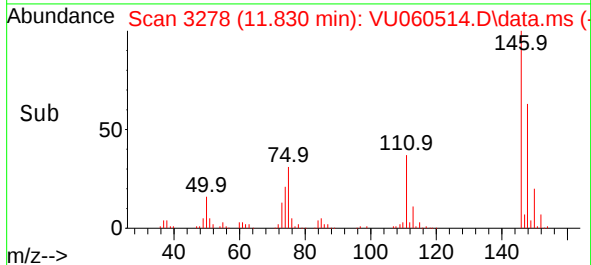
Tgt Ion:146 Resp: 84324
Ion Ratio Lower Upper
146 100
111 38.5 27.9 51.9
148 61.8 43.5 80.7

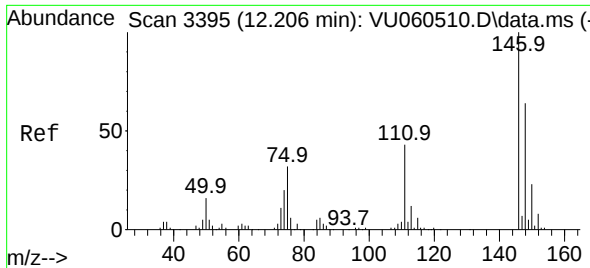


#65
1,4-Dichlorobenzene
Concen: 4.909 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42



Tgt Ion:146 Resp: 85841
Ion Ratio Lower Upper
146 100
111 37.5 27.2 50.4
148 62.6 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 4.799 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_U

ClientSampleId :

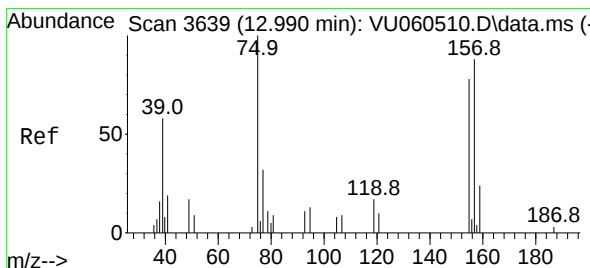
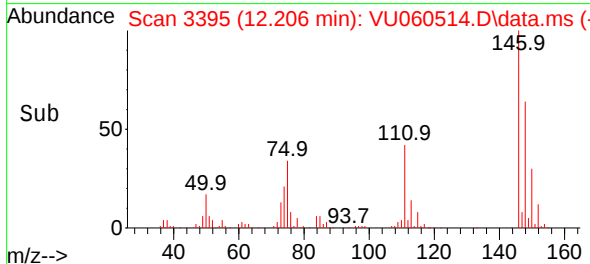
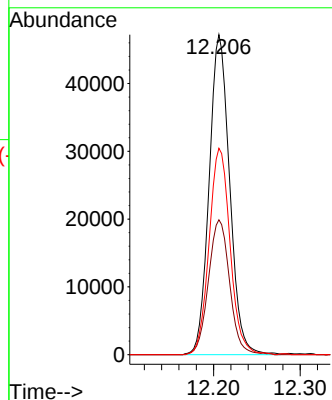
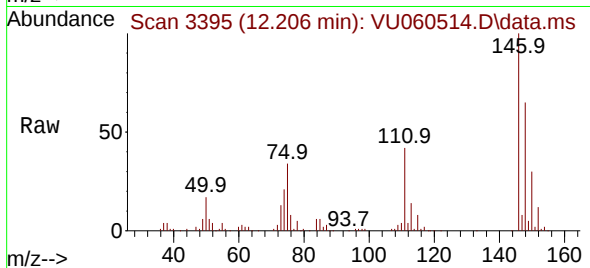
Tgt Ion:146 Resp: 77591

Ion Ratio Lower Upper

146 100

111 42.1 34.6 52.0

148 64.5 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.942 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

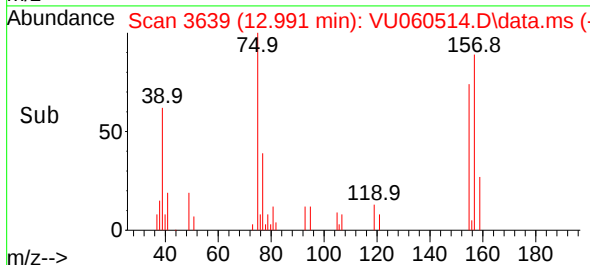
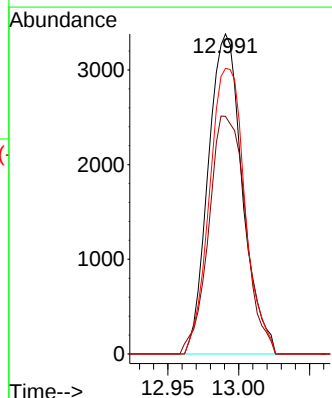
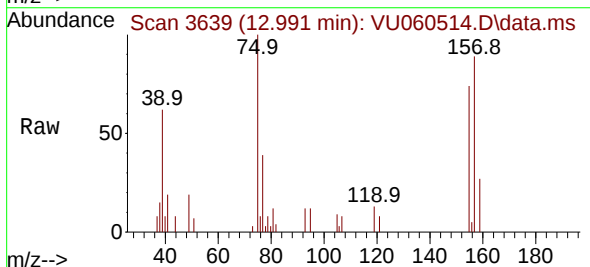
Tgt Ion: 75 Resp: 5671

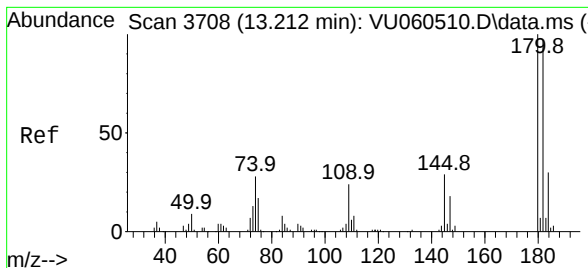
Ion Ratio Lower Upper

75 100

155 74.2 62.7 94.1

157 89.3 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 4.692 ug/L

RT: 13.213 min Scan# 3

Delta R.T. 0.000 min

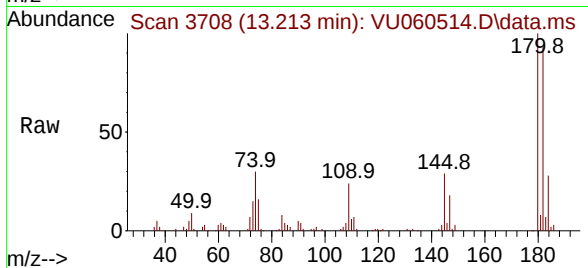
Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 62339

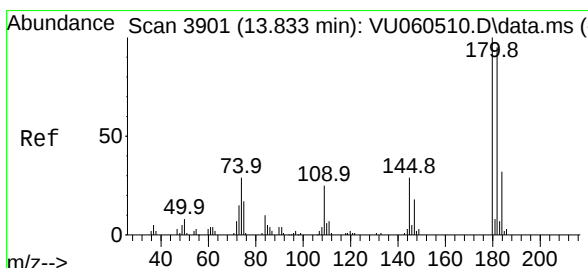
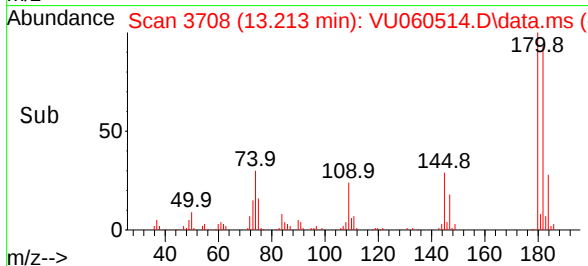
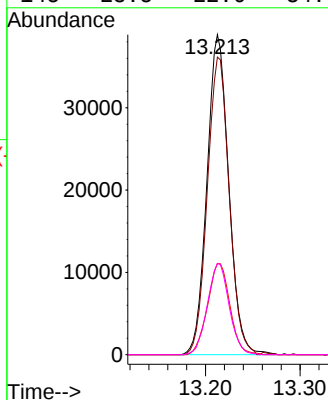
Ion Ratio Lower Upper

180 100

182 93.1 77.6 116.4

184 29.2 24.9 37.3

145 28.5 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.510 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU060514.D

Acq: 23 Aug 2024 16:42

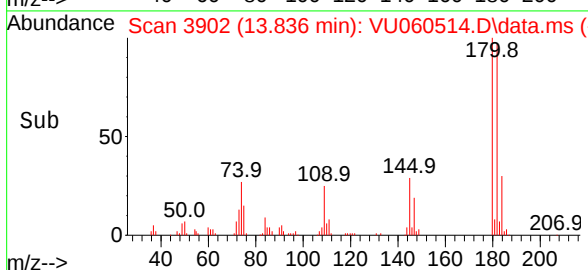
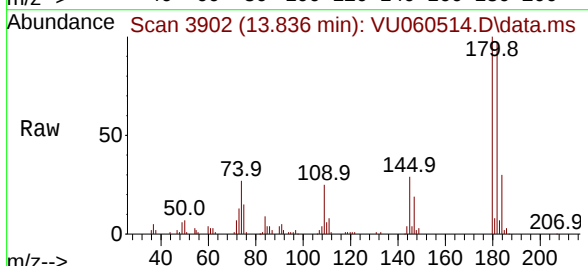
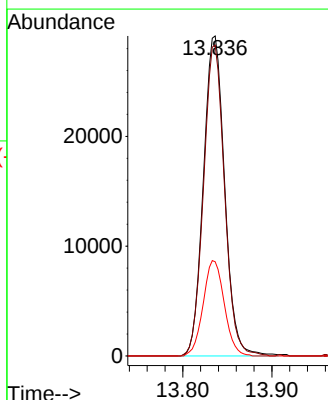
Tgt Ion:180 Resp: 48351

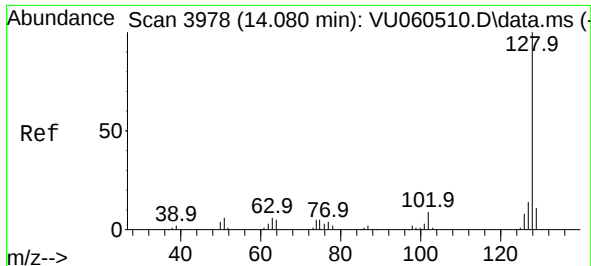
Ion Ratio Lower Upper

180 100

182 95.8 77.3 115.9

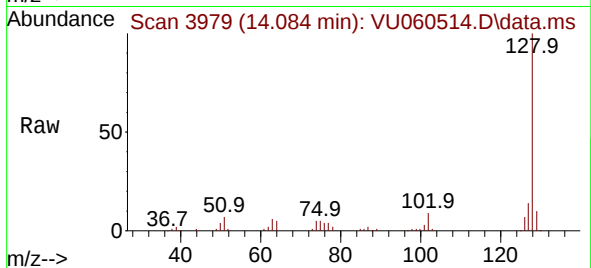
145 29.6 23.9 35.9



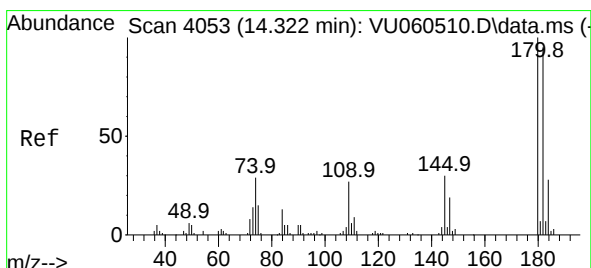
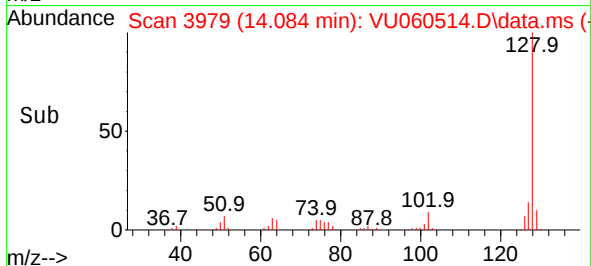
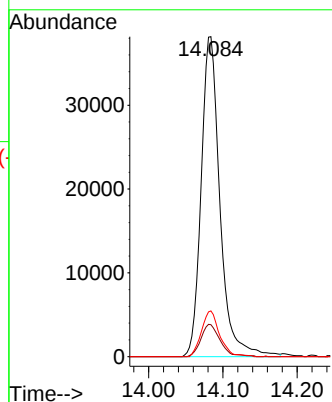


#71
Naphthalene
Concen: 4.905 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 67177
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 13.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.640 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU060514.D
Acq: 23 Aug 2024 16:42

Tgt Ion:180 Resp: 41631
Ion Ratio Lower Upper
180 100
182 97.2 76.0 114.0
145 32.3 24.3 36.5

