

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060613.D
 Acq On : 05 Sep 2024 09:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 01:55:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 05 03:55:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	143142	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34985	5.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.600%
7) Chloroethane-d5	1.911	69	34286	3.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.563	65	15589	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.644	46	97366	44.785	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	5.055	84	80091	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	41221	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.721	84	155576	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.685	67	49888	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.891	98	142863	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.177	79	15857	4.270	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.631	63	70705	39.763	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41065	4.446	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	48718	4.507	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	78480	4.832	ug/L	99
3) Chloromethane	1.518	50	85420	6.069	ug/L	99
5) Vinyl chloride	1.602	62	85000	6.134	ug/L	99
6) Bromomethane	1.856	94	53039	3.803	ug/L	95
8) Chloroethane	1.933	64	49097	3.883	ug/L	95
9) Trichlorofluoromethane	2.136	101	118950	3.948	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	57951	4.547	ug/L	98
12) 1,1-Dichloroethene	2.576	96	56162	4.787	ug/L	93
13) Acetone	2.666	43	90386	49.684	ug/L	86
14) Carbon disulfide	2.788	76	178336	4.684	ug/L	100
15) Methyl Acetate	2.962	43	25887	6.959	ug/L	96
16) Methylene chloride	3.042	84	77009	6.758	ug/L	89
17) Methyl tert-butyl Ether	3.361	73	128943	5.416	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	57712	5.651	ug/L	98
19) 1,1-Dichloroethane	3.862	63	117193	5.662	ug/L	96
21) 2-Butanone	4.724	43	142720	57.367	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	62778	5.516	ug/L	96
23) Bromochloromethane	4.972	128	29580	5.719	ug/L	94
25) Chloroform	5.081	83	121371	5.541	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

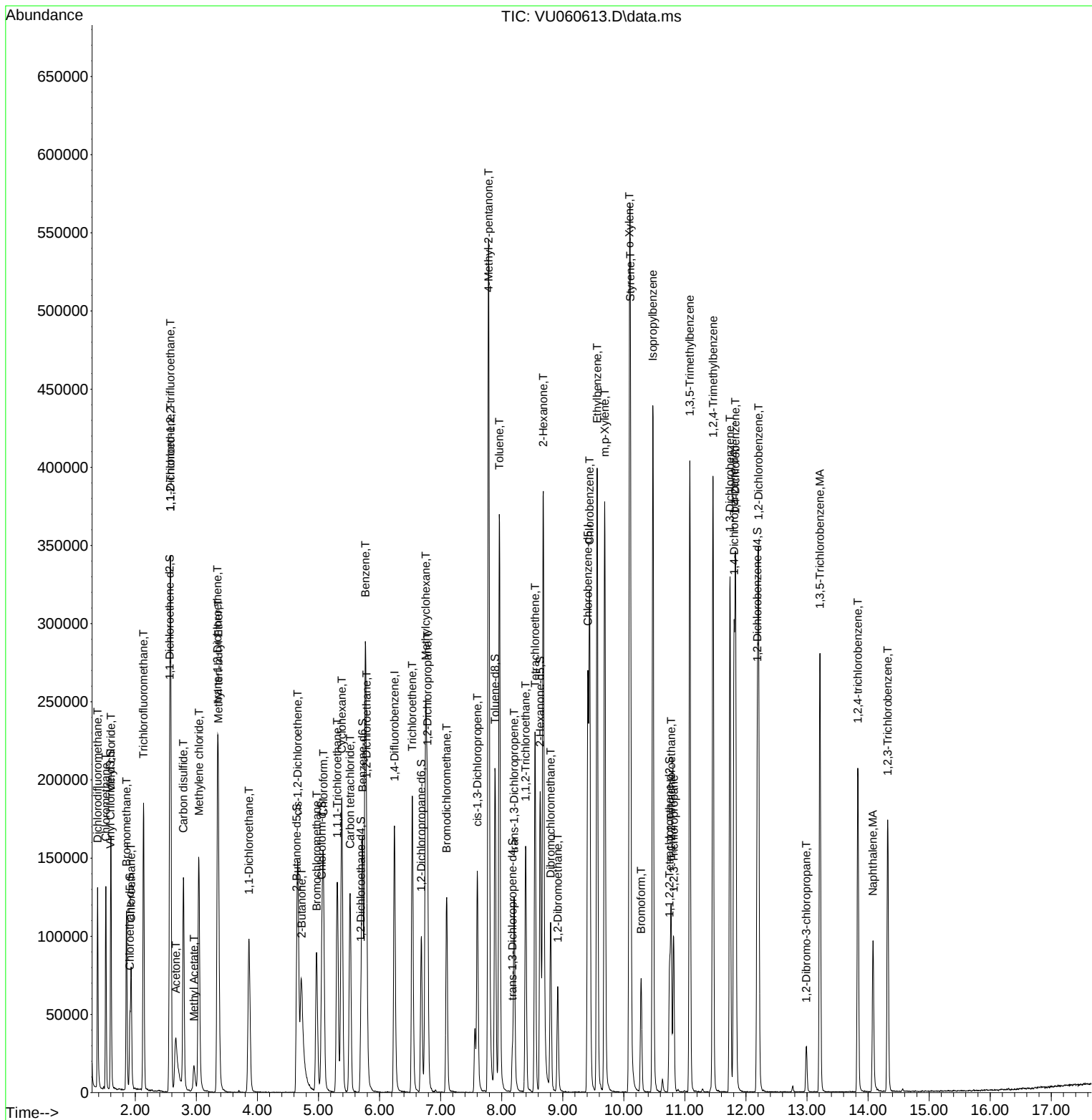
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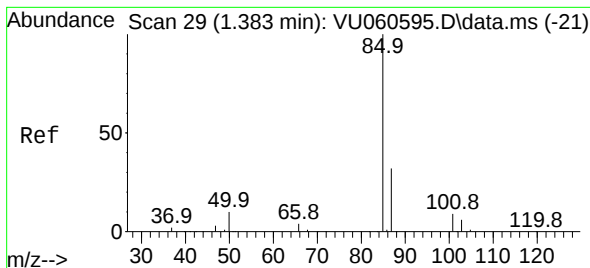
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 05 03:55:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	74554	5.071	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	99519	4.939	ug/L	96
30) Cyclohexane	5.383	56	89314	5.355	ug/L	100
31) Carbon tetrachloride	5.518	117	91851	4.933	ug/L	99
33) Benzene	5.769	78	265216	5.684	ug/L	100
34) Trichloroethene	6.537	95	67953	5.373	ug/L	97
35) Methylcyclohexane	6.756	83	88219	5.084	ug/L	99
37) 1,2-Dichloropropane	6.785	63	69993	5.855	ug/L #	97
38) Bromodichloromethane	7.100	83	85189	5.423	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	89059	5.081	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	371379	59.647	ug/L	99
42) Toluene	7.962	91	284656	5.773	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	76289	5.301	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	49779	5.748	ug/L	97
47) Tetrachloroethene	8.547	164	51923	5.009	ug/L	98
48) 2-Hexanone	8.682	43	261437	56.106	ug/L	99
49) Dibromochloromethane	8.801	129	55417	5.527	ug/L	94
50) 1,2-Dibromoethane	8.920	107	45418	5.713	ug/L	99
51) Chlorobenzene	9.441	112	175296	5.492	ug/L	99
52) Ethylbenzene	9.563	91	287240	5.498	ug/L	97
53) m,p-Xylene	9.688	106	111692	5.750	ug/L	99
54) o-Xylene	10.094	106	106755	5.368	ug/L	95
55) Styrene	10.110	104	182820	5.611	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	61041	5.520	ug/L	99
59) Bromoform	10.283	173	34428	5.715	ug/L	97
60) Isopropylbenzene	10.476	105	282362	5.765	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	43921	6.211	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	217389	5.956	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	213925	5.745	ug/L	96
64) 1,3-Dichlorobenzene	11.740	146	136300	5.687	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	135801	5.583	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	127192	5.656	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8442	5.289	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	91674	4.960	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	66351	4.450	ug/L	97
71) Naphthalene	14.081	128	83922	4.405	ug/L	97
72) 1,2,3-Trichlorobenzene	14.322	180	57091	4.575	ug/L	99

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

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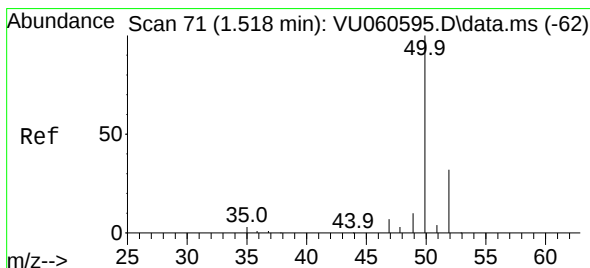
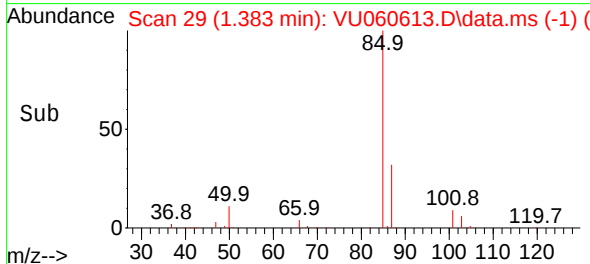
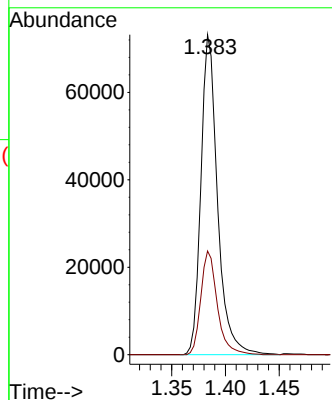
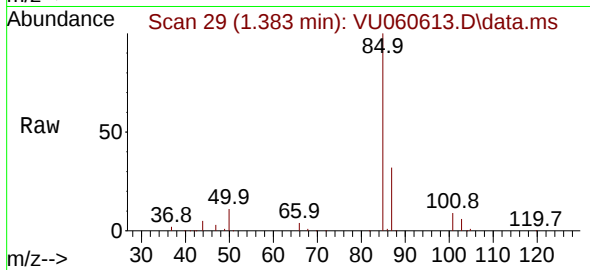




#2
 Dichlorodifluoromethane
 Concen: 4.832 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060613.D
 Acq: 05 Sep 2024 09:48

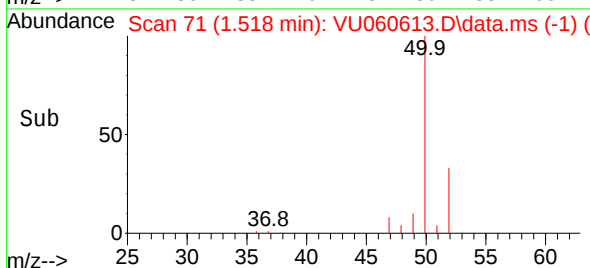
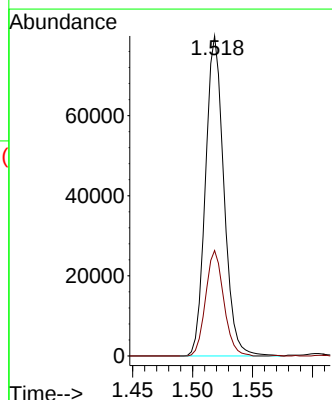
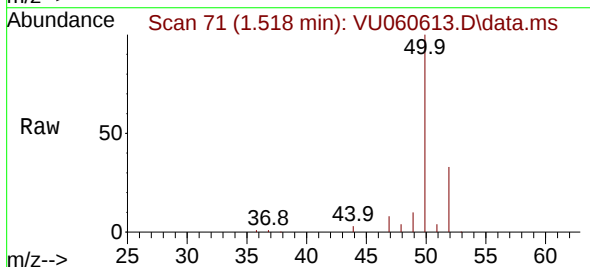
Instrument :
 MSVOA_U
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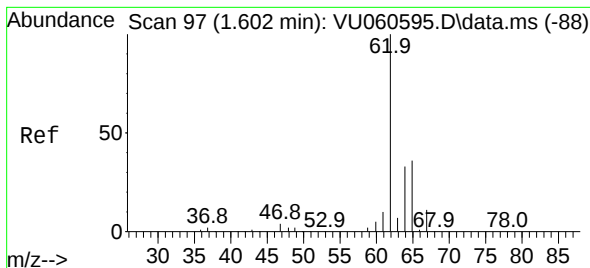
Tgt Ion: 85 Resp: 78480
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.4



#3
 Chloromethane
 Concen: 6.069 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060613.D
 Acq: 05 Sep 2024 09:48

Tgt Ion: 50 Resp: 85420
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1





#5

Vinyl chloride

Concen: 6.134 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

Instrument :

MSVOA_U

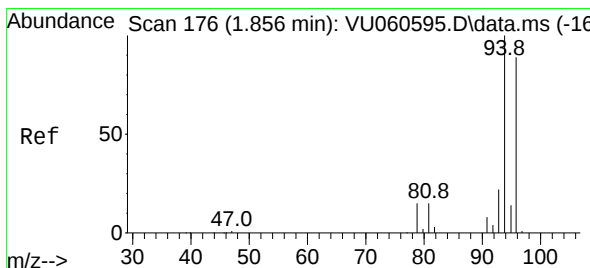
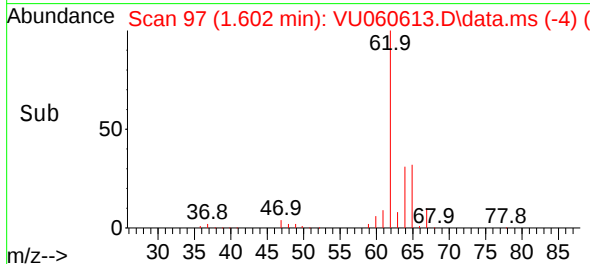
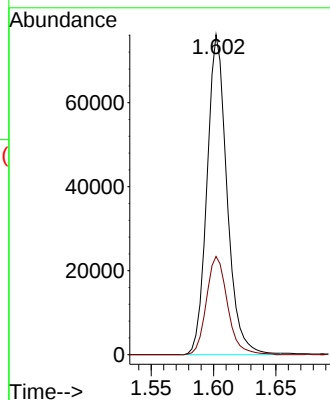
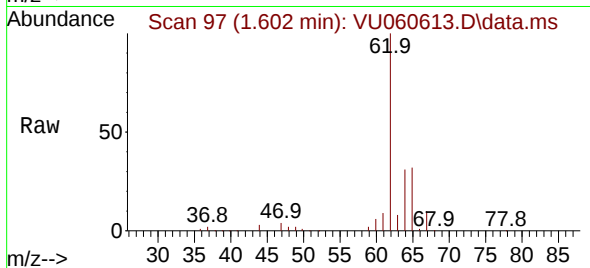
ClientSampleId :

Tgt Ion: 62 Resp: 85000

Ion Ratio Lower Upper

62 100

64 30.7 22.0 40.8



#6

Bromomethane

Concen: 3.803 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060613.D

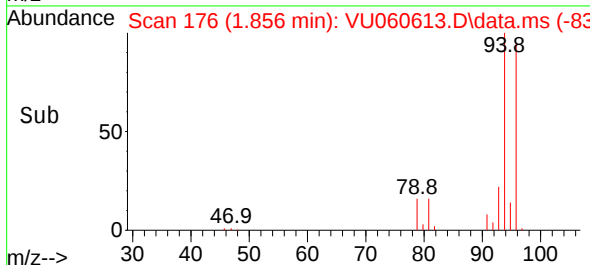
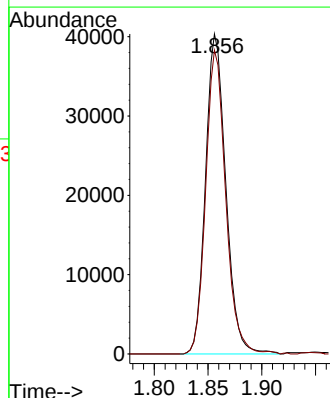
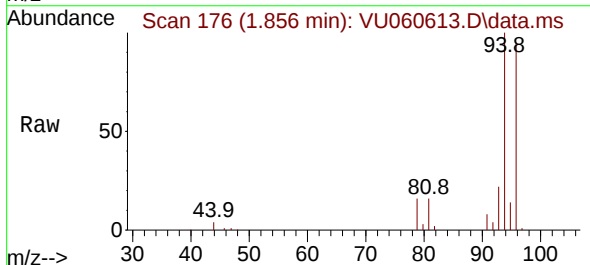
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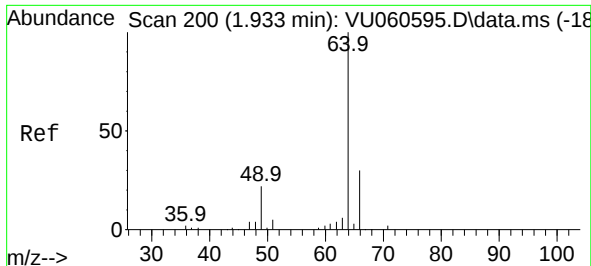
Tgt Ion: 94 Resp: 53039

Ion Ratio Lower Upper

94 100

96 94.9 63.3 117.5

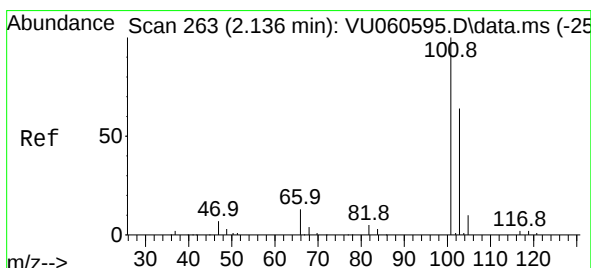
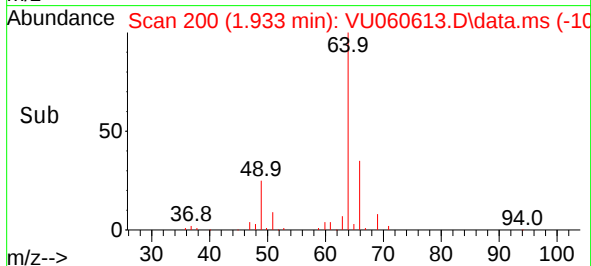
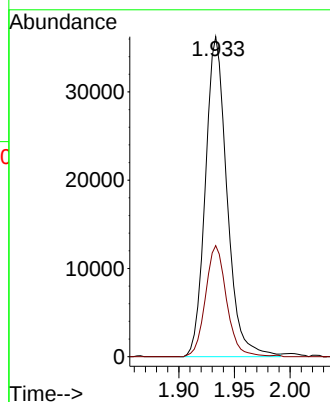
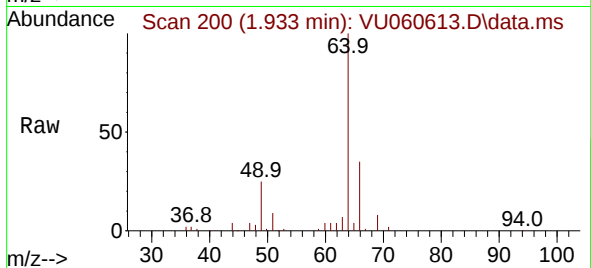




#8
Chloroethane
Concen: 3.883 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

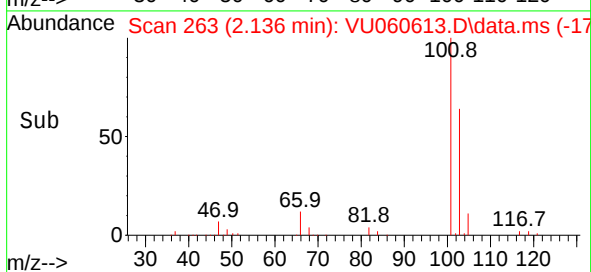
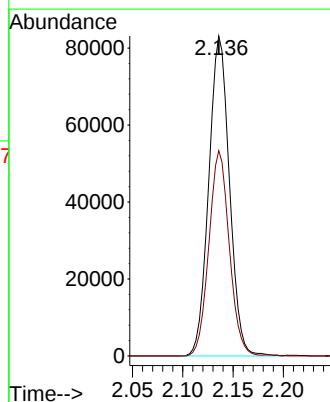
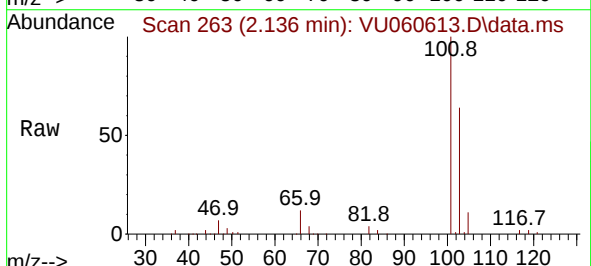
Instrument :
MSVOA_U
ClientSampleId :

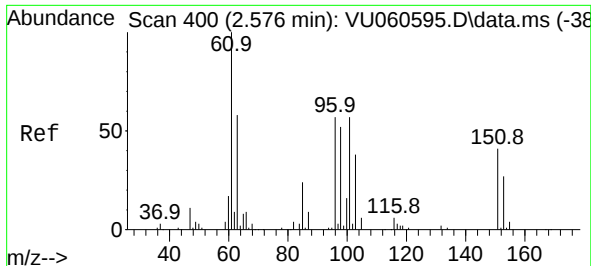
Tgt Ion: 64 Resp: 49097
Ion Ratio Lower Upper
64 100
66 34.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.948 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Tgt Ion:101 Resp: 118950
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

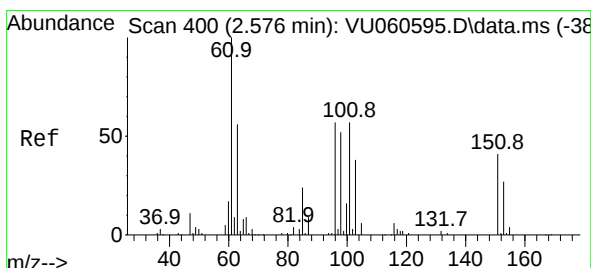
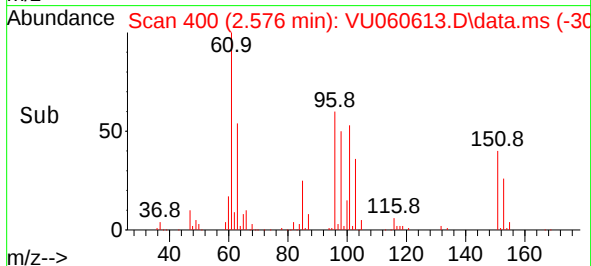
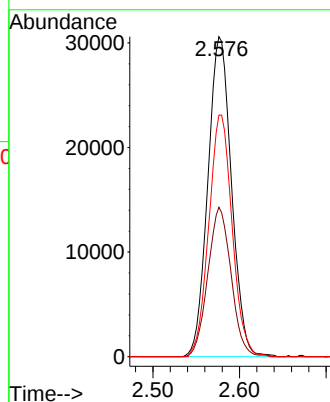
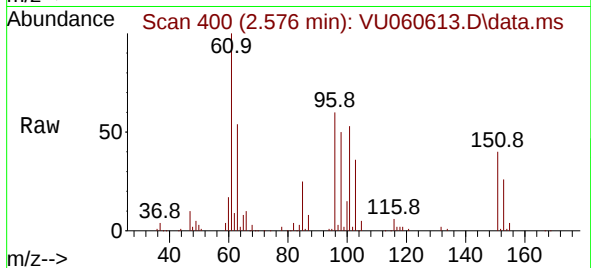




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.547 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060613.D
 Acq: 05 Sep 2024 09:48

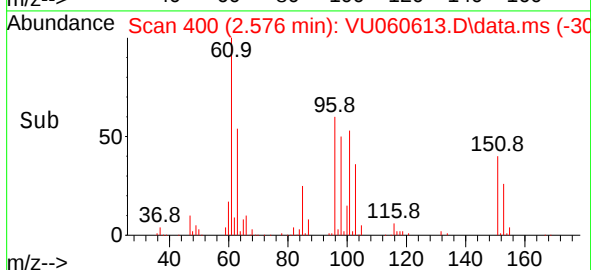
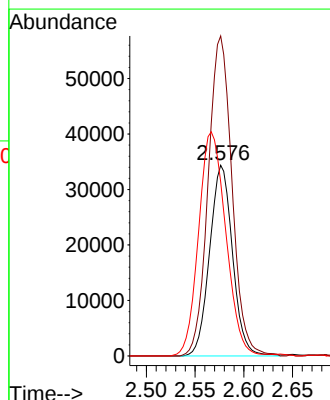
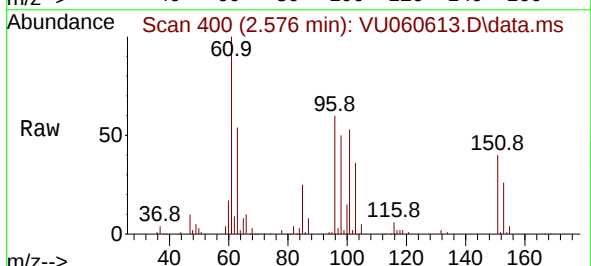
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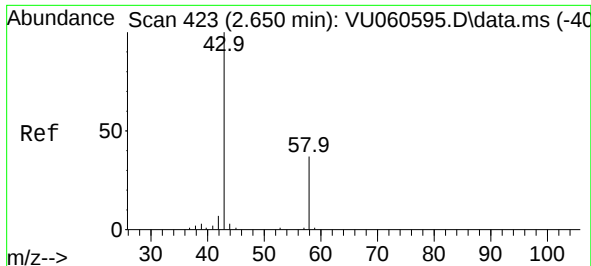
Tgt Ion:101 Resp: 57951
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.8 53.6
 151 74.7 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.787 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060613.D
 Acq: 05 Sep 2024 09:48

Tgt Ion: 96 Resp: 56162
 Ion Ratio Lower Upper
 96 100
 61 167.7 116.4 216.2
 63 91.3 74.8 139.0





#13

Acetone

Concen: 49.684 ug/L

RT: 2.666 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

Instrument :

MSVOA_U

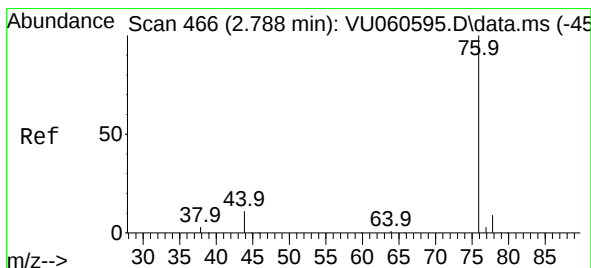
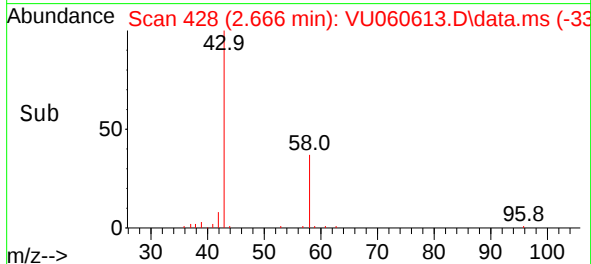
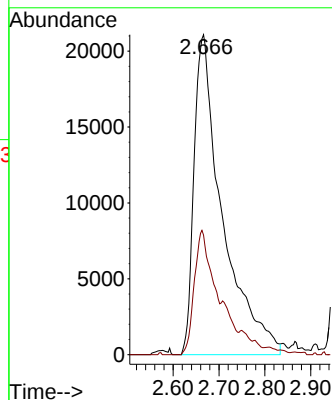
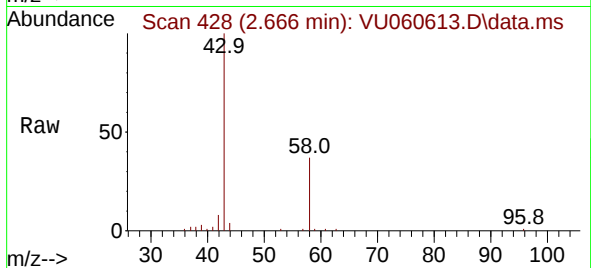
ClientSampleId :

Tgt Ion: 43 Resp: 90386

Ion Ratio Lower Upper

43 100

58 25.7 0.0 66.8



#14

Carbon disulfide

Concen: 4.684 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060613.D

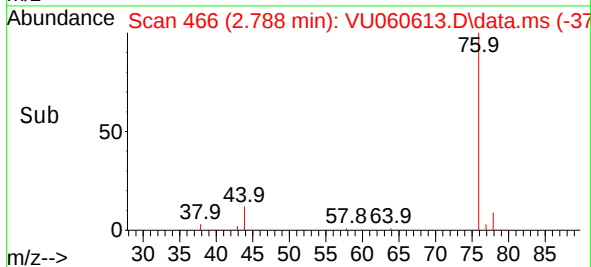
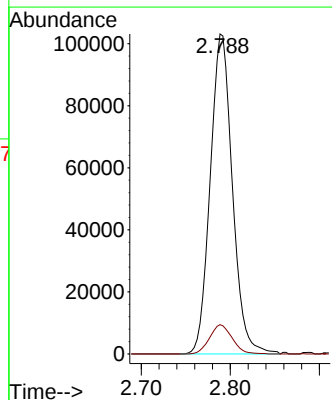
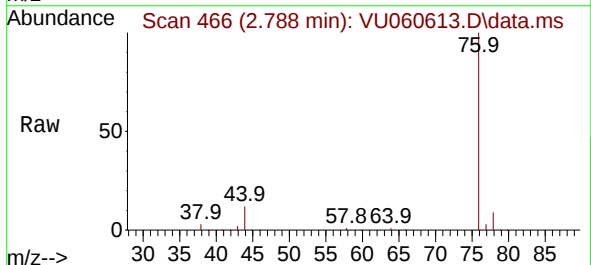
Acq: 05 Sep 2024 09:48

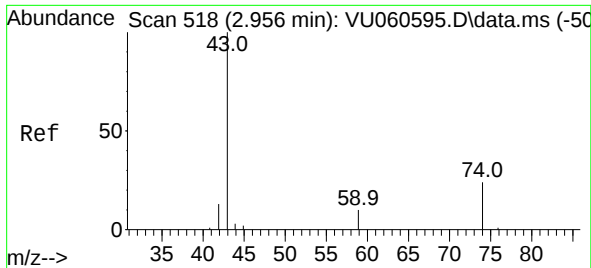
Tgt Ion: 76 Resp: 178336

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 6.959 ug/L

RT: 2.962 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

Instrument :

MSVOA_U

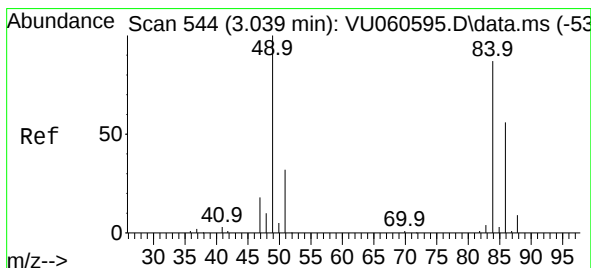
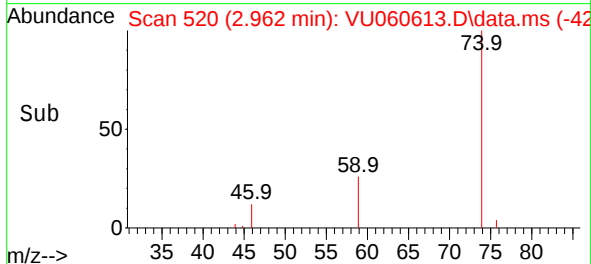
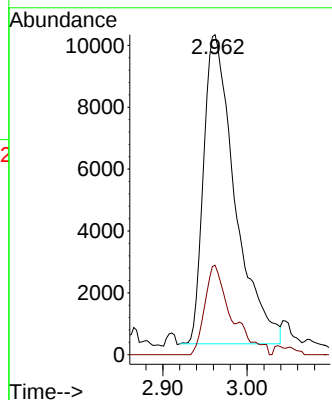
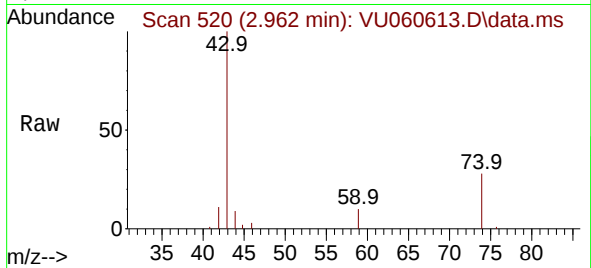
ClientSampleId :

Tgt Ion: 43 Resp: 25887

Ion Ratio Lower Upper

43 100

74 24.6 21.4 32.2



#16

Methylene chloride

Concen: 6.758 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

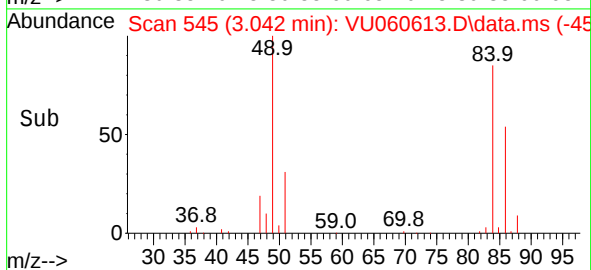
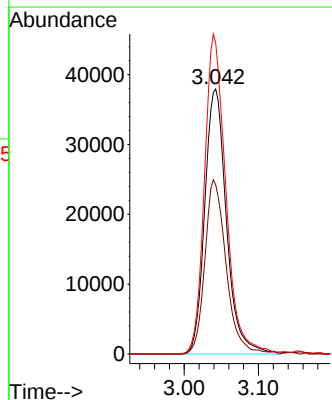
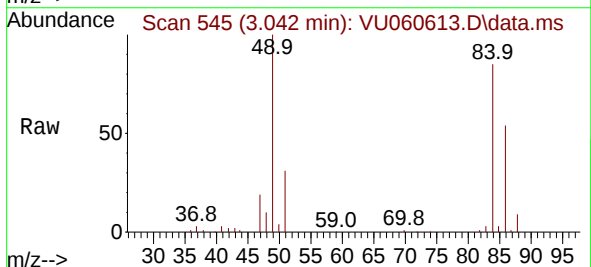
Tgt Ion: 84 Resp: 77009

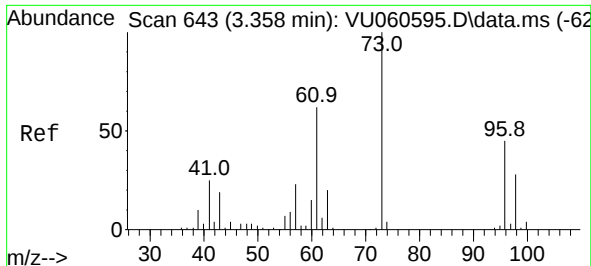
Ion Ratio Lower Upper

84 100

86 63.8 47.5 88.3

49 117.3 94.4 175.2

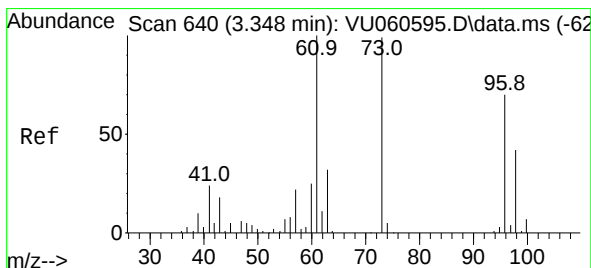
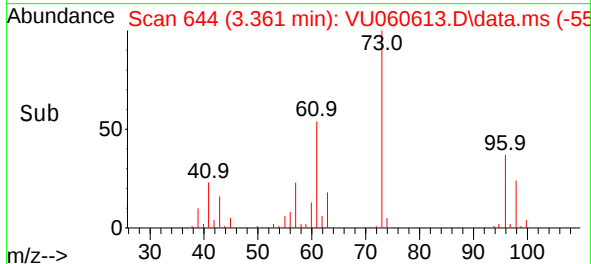
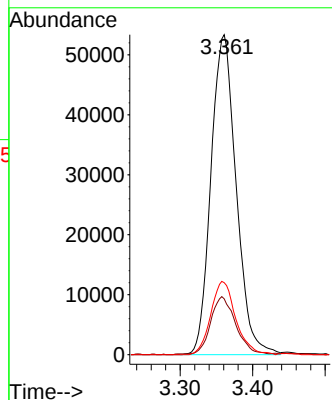
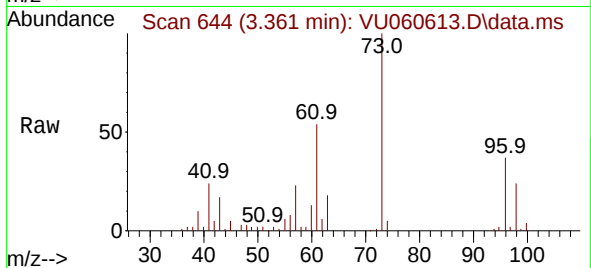




#17
Methyl tert-butyl Ether
Concen: 5.416 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

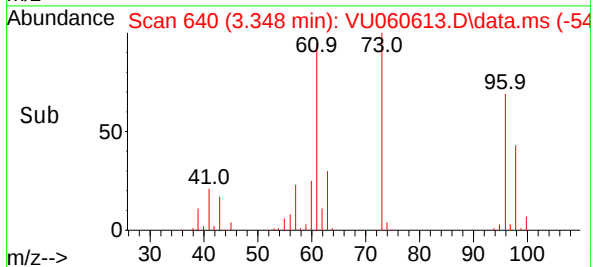
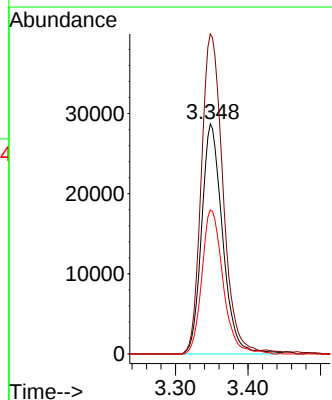
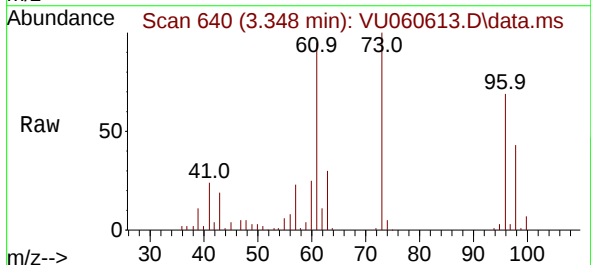
Instrument :
MSVOA_U
ClientSampleId :

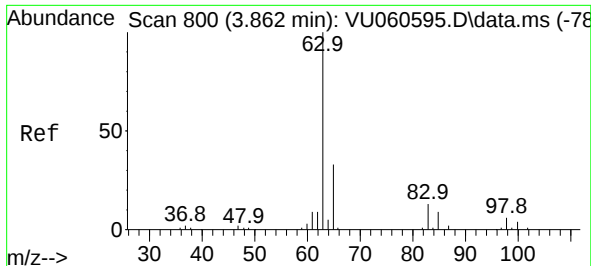
Tgt Ion: 73 Resp: 128943
Ion Ratio Lower Upper
73 100
43 17.4 15.8 23.6
57 22.7 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.651 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

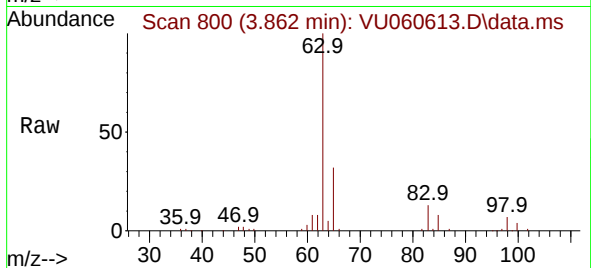
Tgt Ion: 96 Resp: 57712
Ion Ratio Lower Upper
96 100
61 139.1 99.2 184.2
98 62.6 44.0 81.8



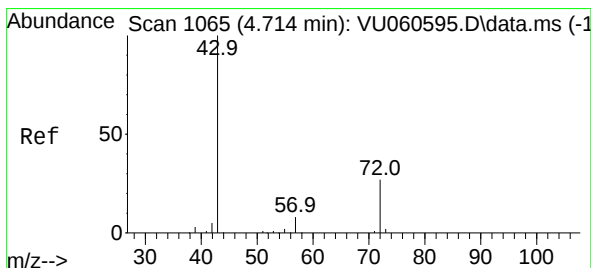
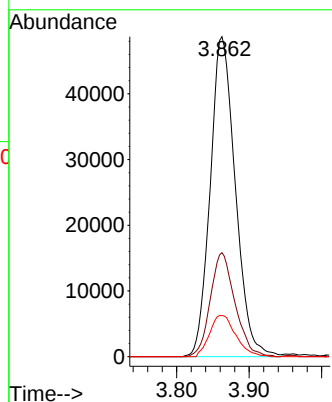
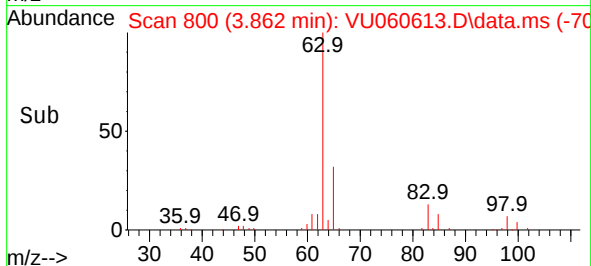


#19
1,1-Dichloroethane
Concen: 5.662 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Instrument :
MSVOA_U
ClientSampleId :

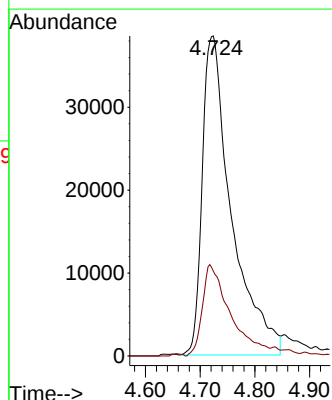
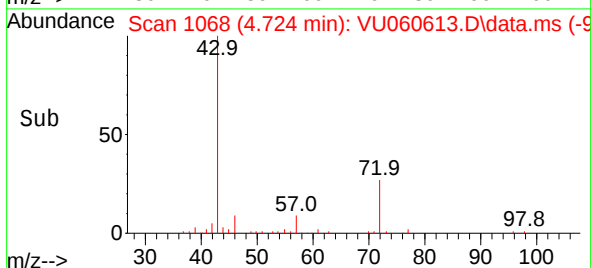
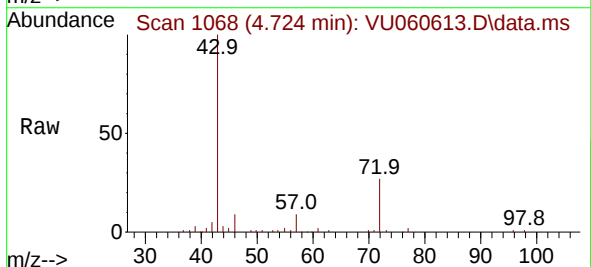


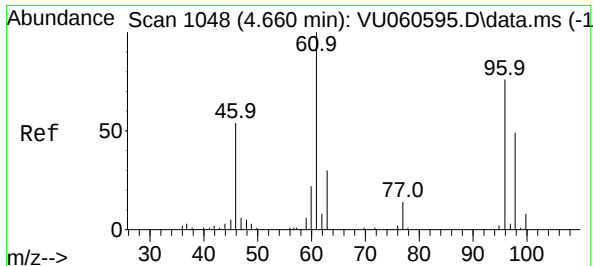
Tgt Ion: 63 Resp: 117193
Ion Ratio Lower Upper
63 100
65 32.5 20.5 38.1
83 12.9 9.2 17.2



#21
2-Butanone
Concen: 57.367 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.010 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Tgt Ion: 43 Resp: 142720
Ion Ratio Lower Upper
43 100
72 27.3 14.0 42.0

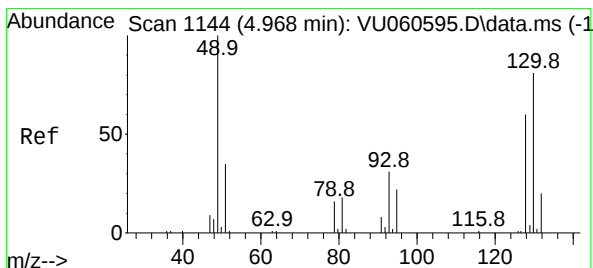
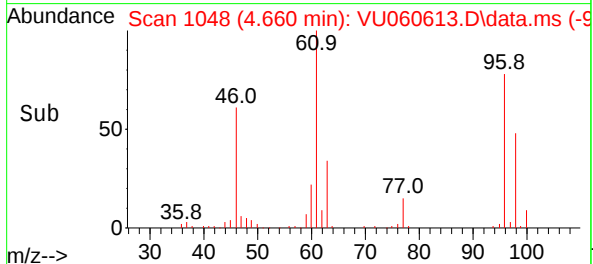
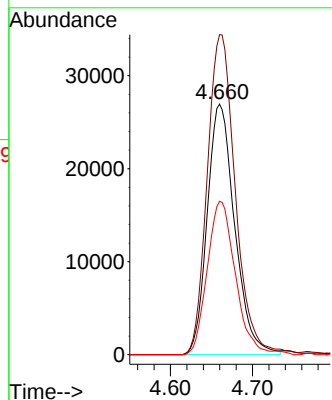
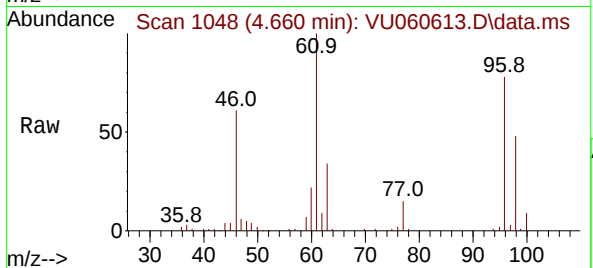




#22
 cis-1,2-Dichloroethene
 Concen: 5.516 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU060613.D
 Acq: 05 Sep 2024 09:48

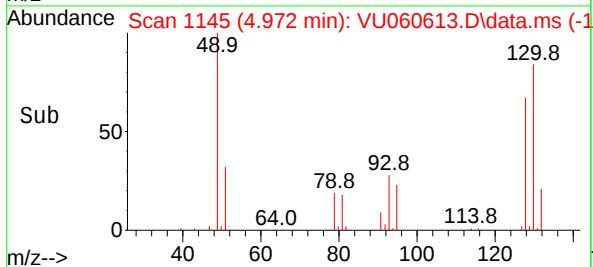
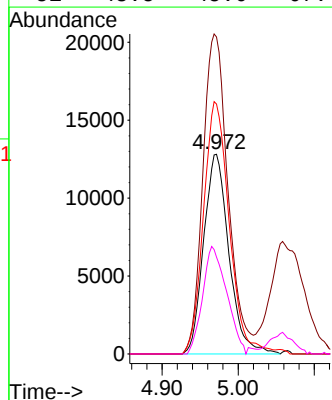
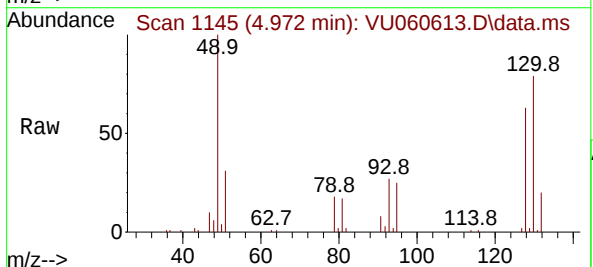
Instrument :
 MSVOA_U
 ClientSampleId :

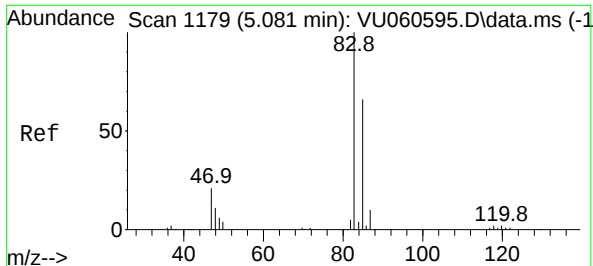
Tgt Ion: 96 Resp: 62778
 Ion Ratio Lower Upper
 96 100
 61 127.7 92.9 172.5
 98 61.3 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.719 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU060613.D
 Acq: 05 Sep 2024 09:48

Tgt Ion: 128 Resp: 29580
 Ion Ratio Lower Upper
 128 100
 49 158.8 108.1 200.7
 130 125.2 93.1 172.9
 51 48.5 45.0 67.4

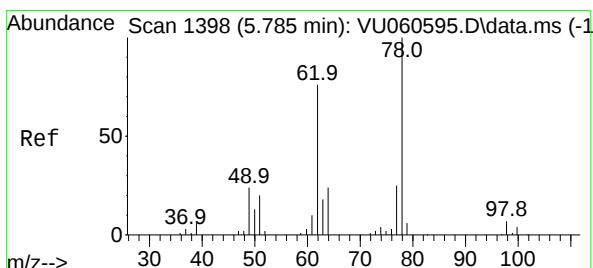
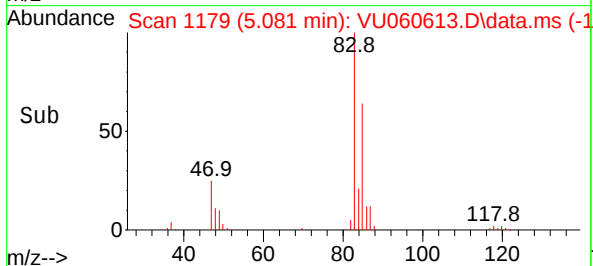
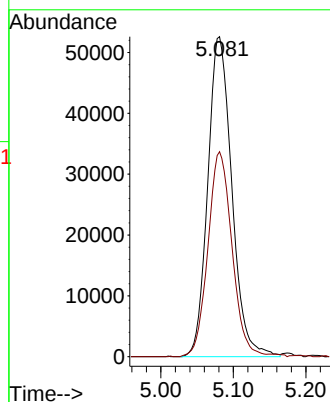
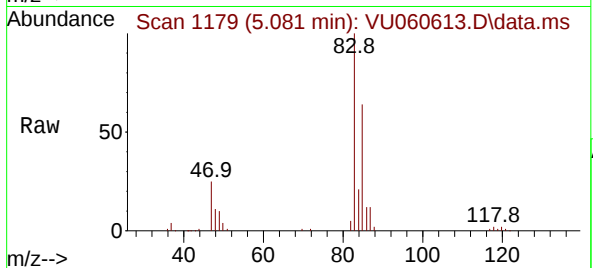




#25
Chloroform
Concen: 5.541 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

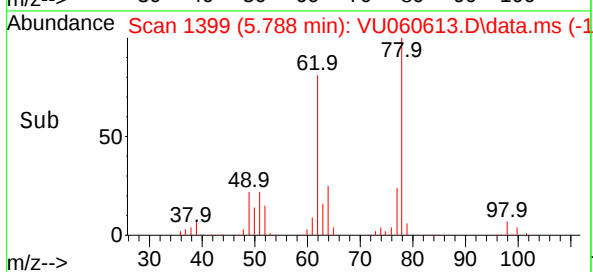
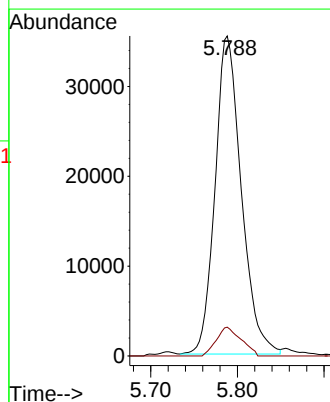
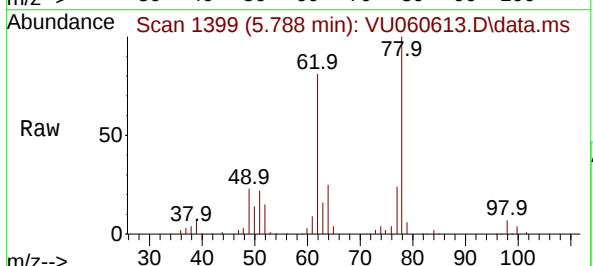
Instrument :
MSVOA_U
ClientSampleId :

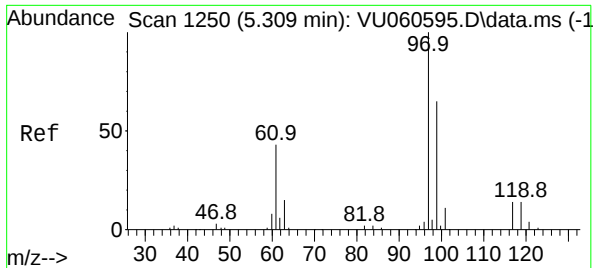
Tgt Ion: 83 Resp: 121371
Ion Ratio Lower Upper
83 100
85 64.1 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.071 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Tgt Ion: 62 Resp: 74554
Ion Ratio Lower Upper
62 100
98 9.0 7.0 10.4

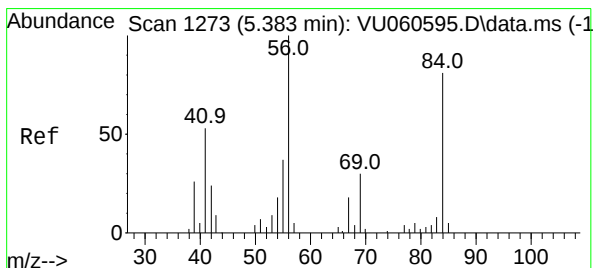
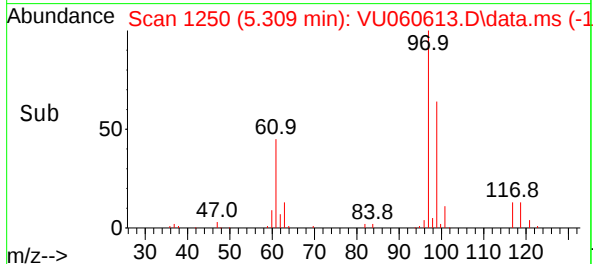
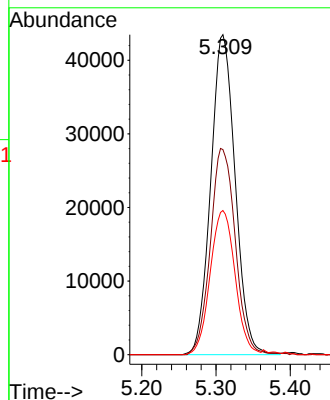
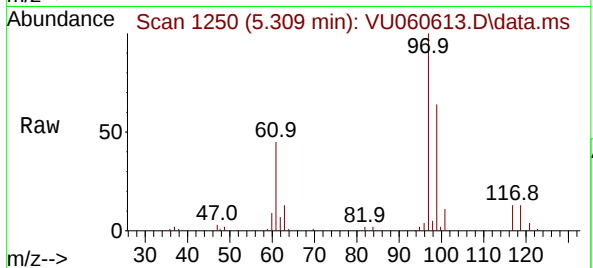




#29
1,1,1-Trichloroethane
Concen: 4.939 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

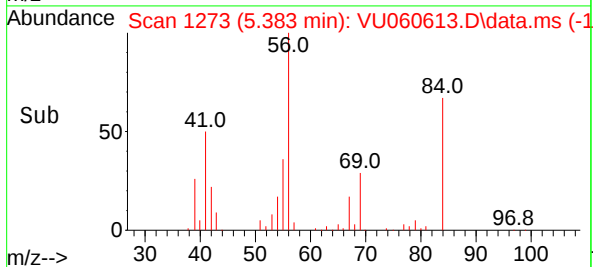
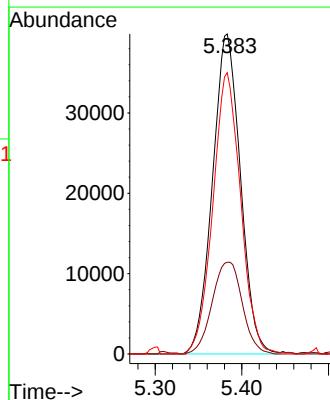
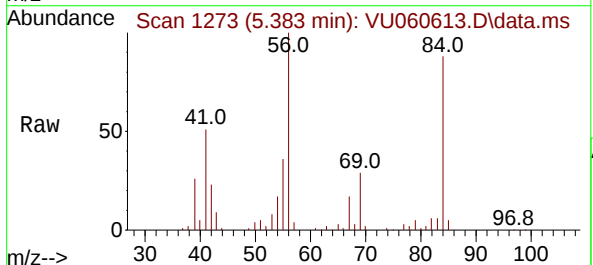
Instrument :
MSVOA_U
ClientSampleId :

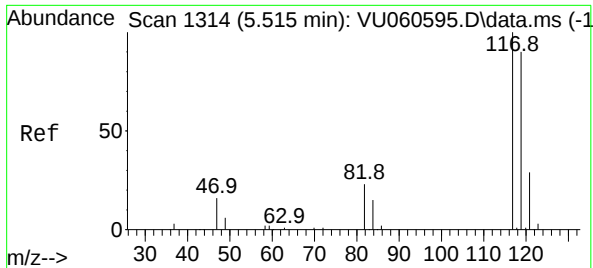
Tgt Ion:	97	Resp:	99519
Ion	Ratio	Lower	Upper
97	100		
99	65.7	49.7	74.5
61	45.8	35.4	53.2



#30
Cyclohexane
Concen: 5.355 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Tgt Ion:	56	Resp:	89314
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.2	36.2
84	87.3	69.7	104.5

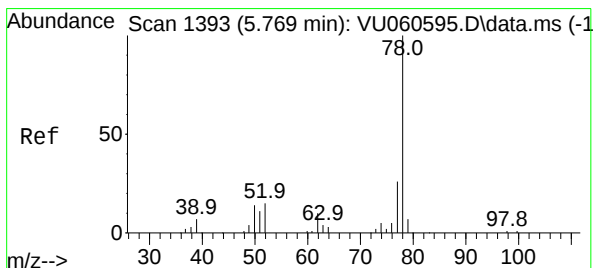
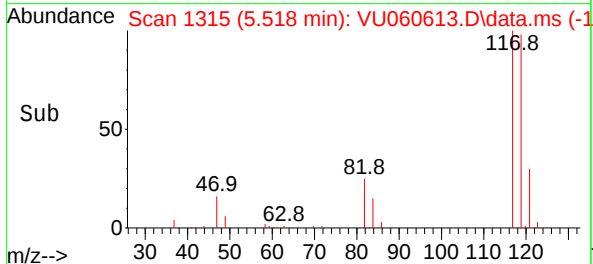
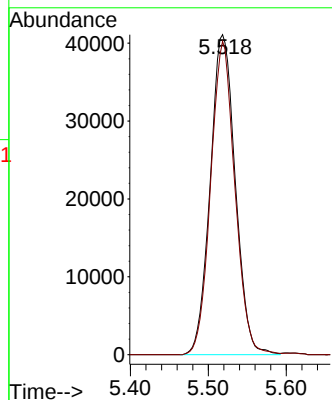
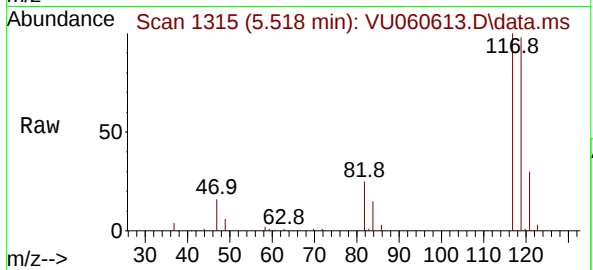




#31
Carbon tetrachloride
Concen: 4.933 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

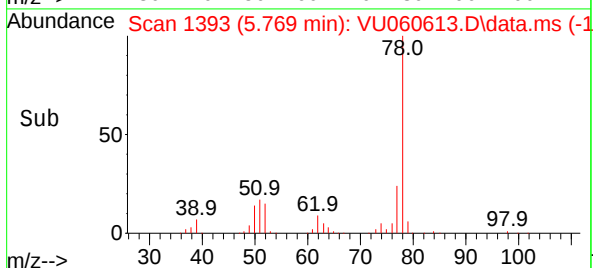
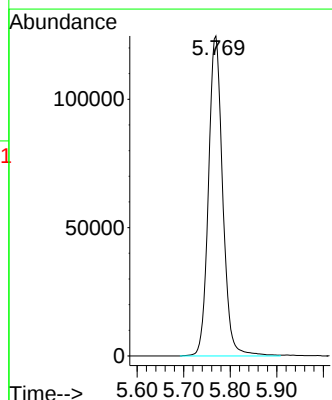
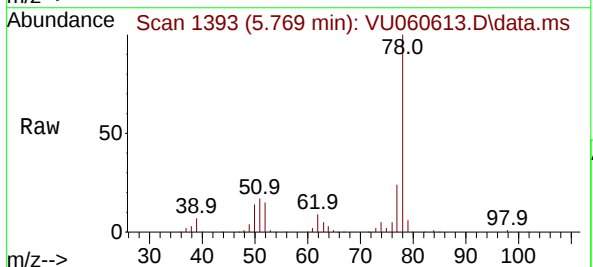
Instrument :
MSVOA_U
ClientSampleId :

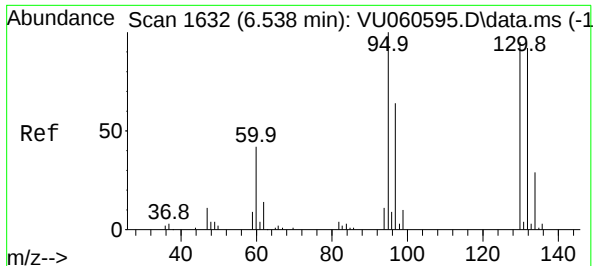
Tgt Ion:117 Resp: 91851
Ion Ratio Lower Upper
117 100
119 94.4 76.4 114.6



#33
Benzene
Concen: 5.684 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

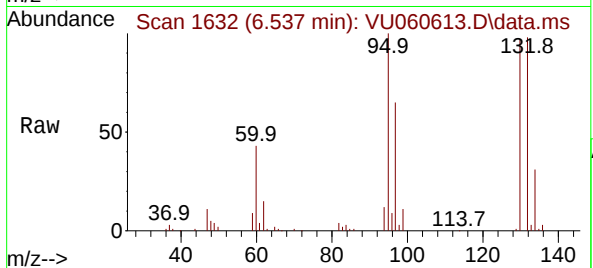
Tgt Ion: 78 Resp: 265216



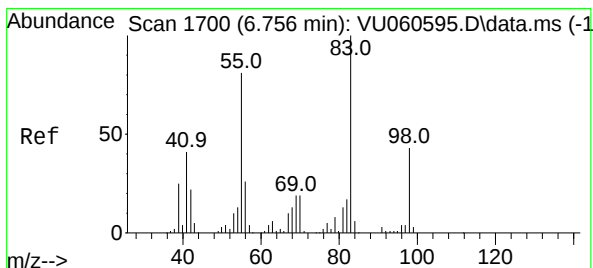
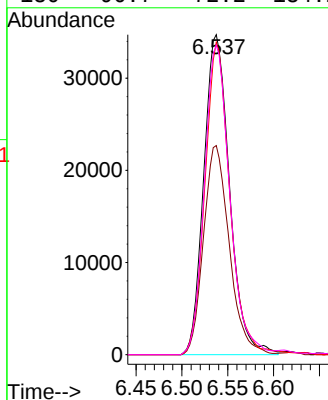
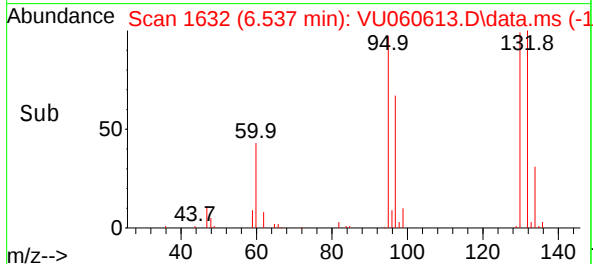


#34
Trichloroethene
Concen: 5.373 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

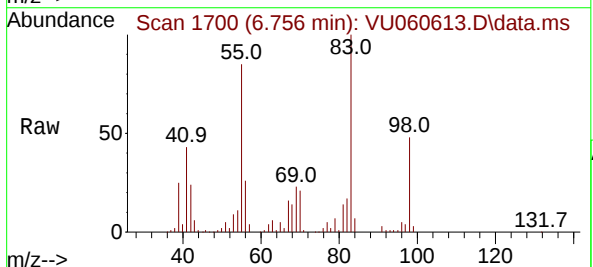
Instrument :
MSVOA_U
ClientSampleId :



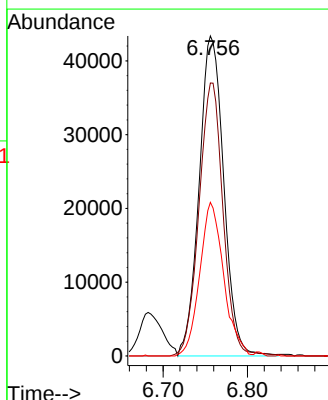
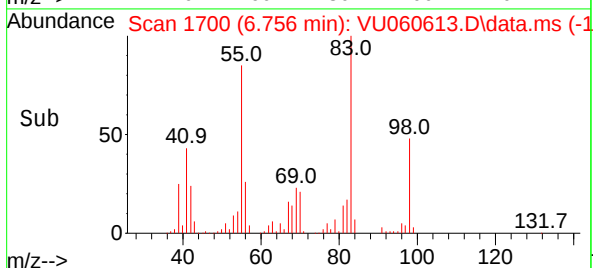
Tgt Ion: 95 Resp: 67953
Ion Ratio Lower Upper
95 100
97 65.3 45.8 85.2
132 97.7 67.4 125.2
130 96.7 72.2 134.2

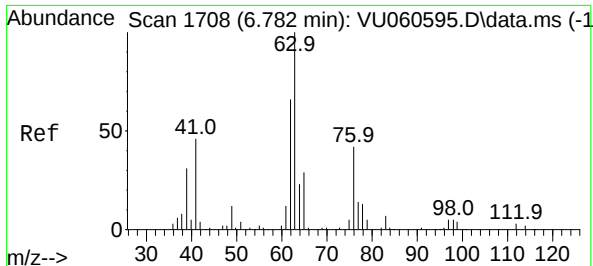


#35
Methylcyclohexane
Concen: 5.084 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48



Tgt Ion: 83 Resp: 88219
Ion Ratio Lower Upper
83 100
55 83.4 65.8 98.8
98 46.7 37.8 56.8

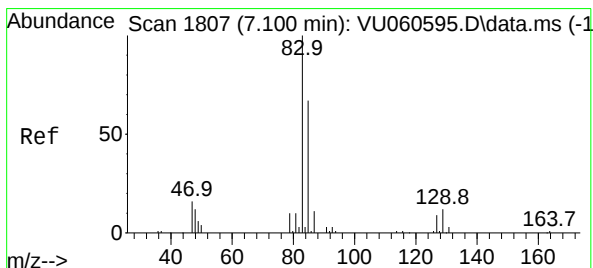
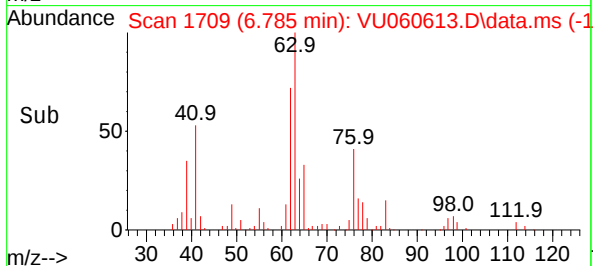
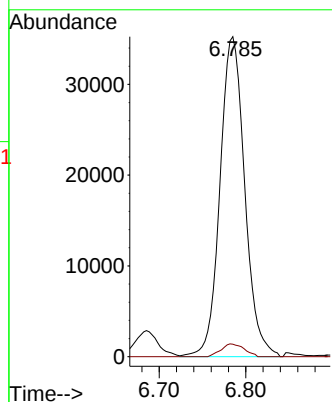
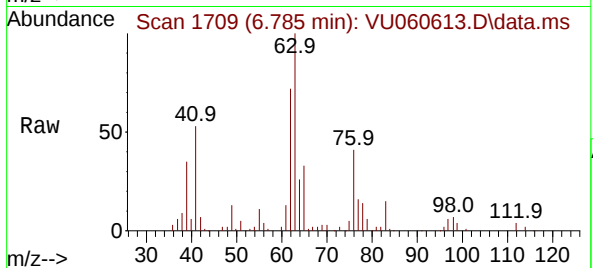




#37
1,2-Dichloropropane
Concen: 5.855 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

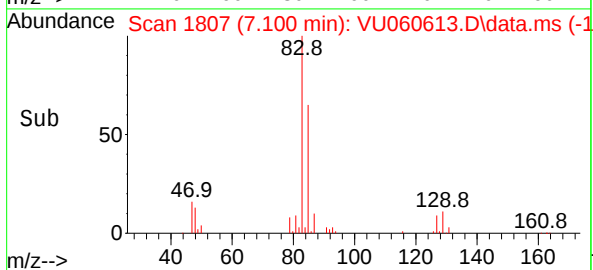
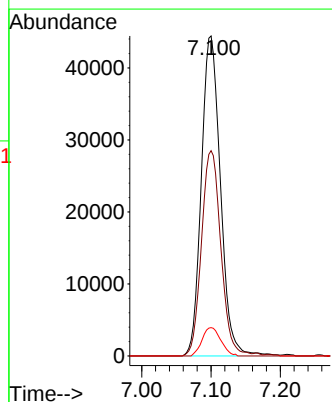
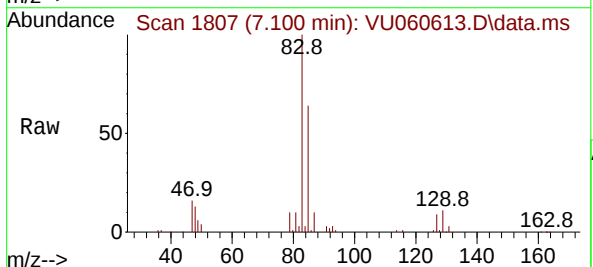
Instrument :
MSVOA_U
ClientSampleId :

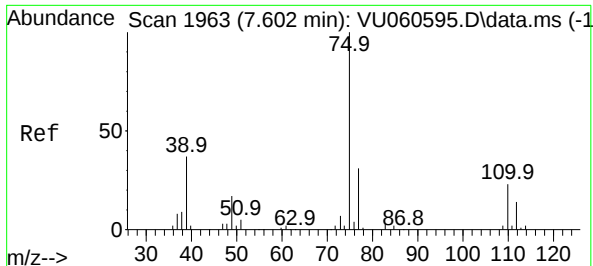
Tgt Ion: 63 Resp: 69993
Ion Ratio Lower Upper
63 100
112 3.7 2.3 3.5#



#38
Bromodichloromethane
Concen: 5.423 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Tgt Ion: 83 Resp: 85189
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
127 8.8 7.3 10.9

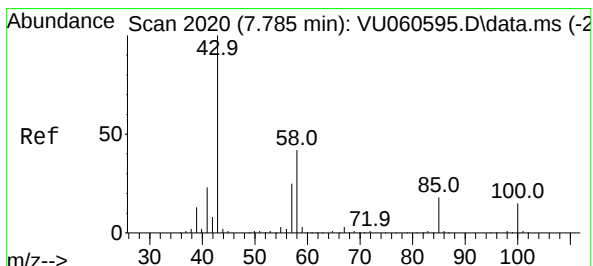
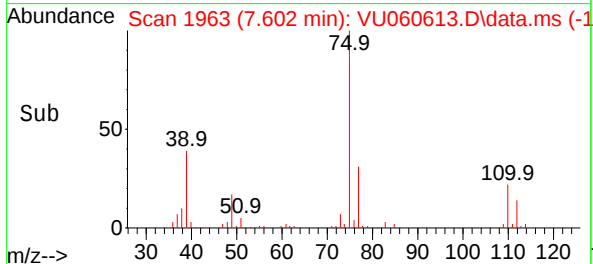
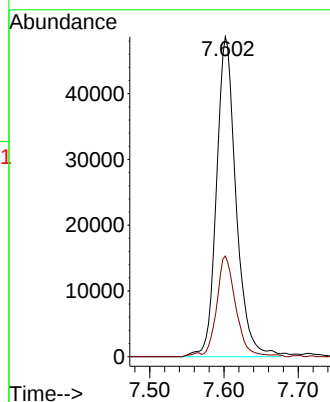
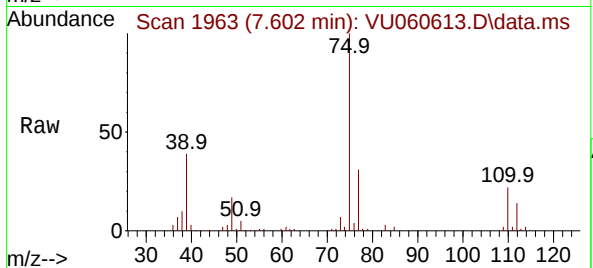




#39
 cis-1,3-Dichloropropene
 Concen: 5.081 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060613.D
 Acq: 05 Sep 2024 09:48

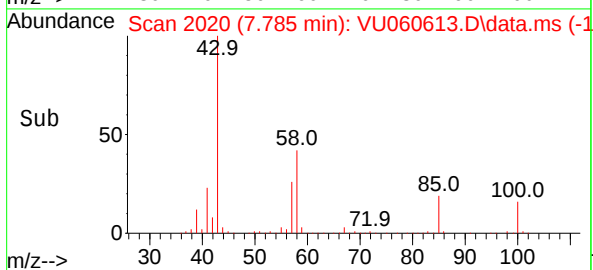
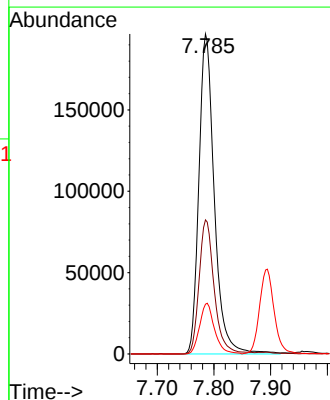
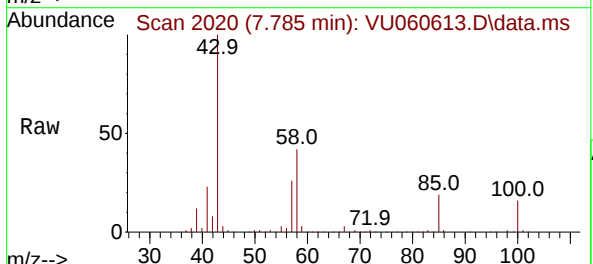
Instrument :
 MSVOA_U
 ClientSampleId :

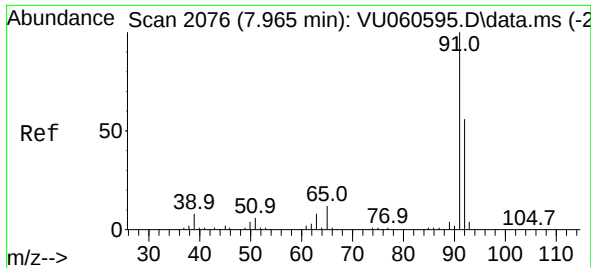
Tgt Ion: 75 Resp: 89059
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 59.647 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060613.D
 Acq: 05 Sep 2024 09:48

Tgt Ion: 43 Resp: 371379
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.5 48.7
 100 15.3 12.5 18.7





#42

Toluene

Concen: 5.773 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

Instrument :

MSVOA_U

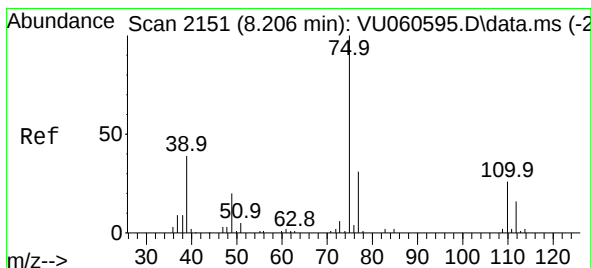
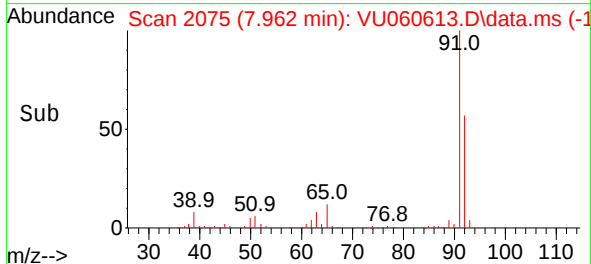
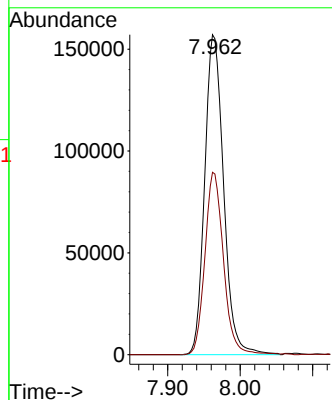
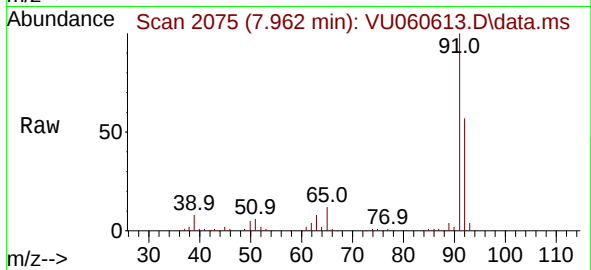
ClientSampleId :

Tgt Ion: 91 Resp: 284656

Ion Ratio Lower Upper

91 100

92 57.0 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.301 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060613.D

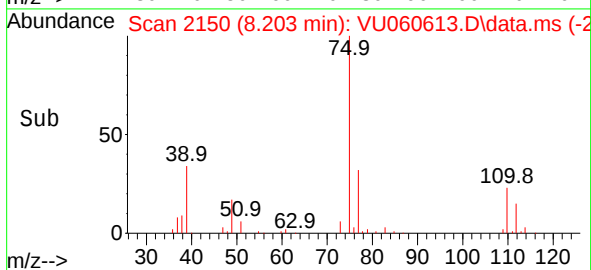
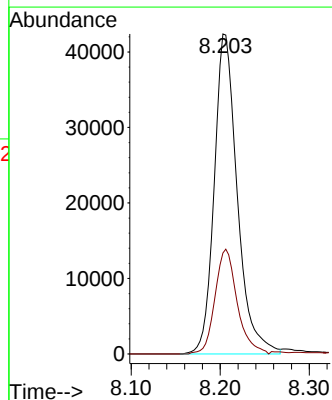
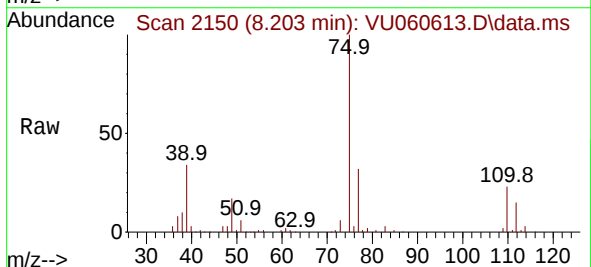
Acq: 05 Sep 2024 09:48

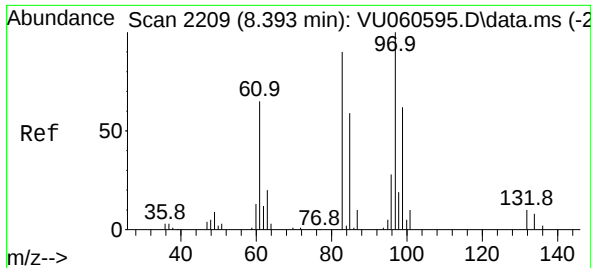
Tgt Ion: 75 Resp: 76289

Ion Ratio Lower Upper

75 100

77 31.5 23.4 43.6

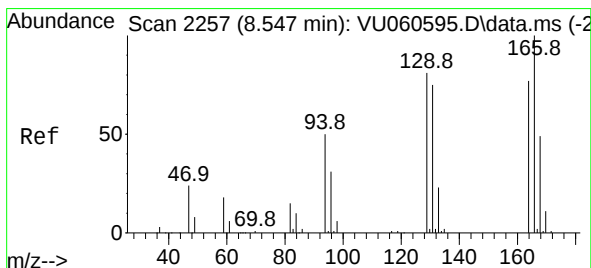
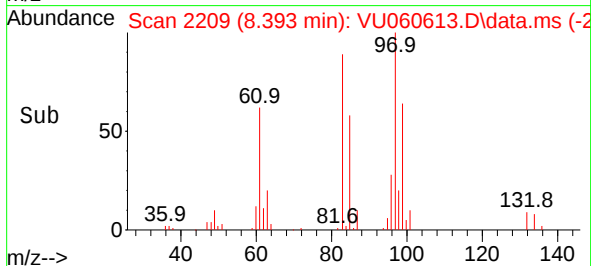
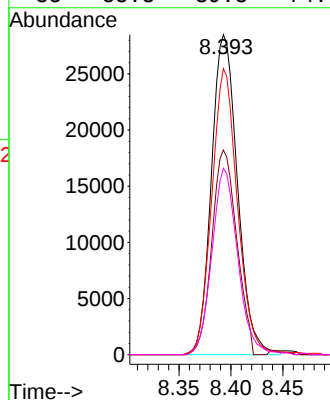
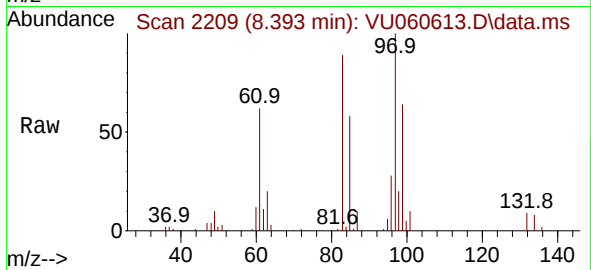




#45
1,1,2-Trichloroethane
Concen: 5.748 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

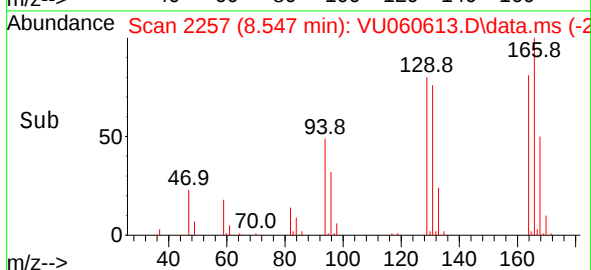
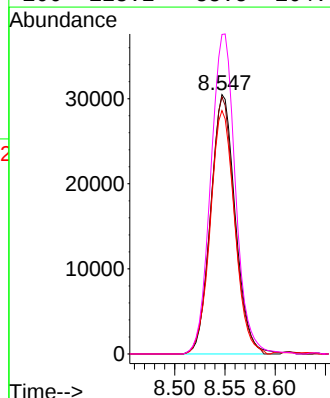
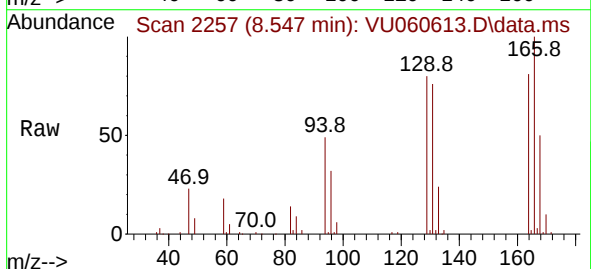
Instrument :
MSVOA_U
ClientSampleId :

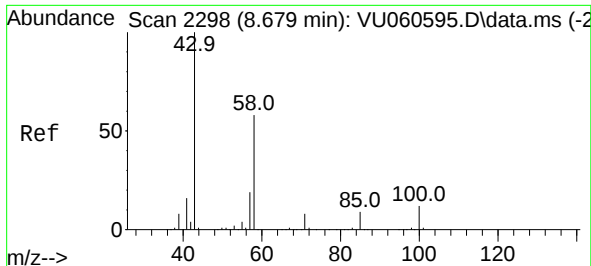
Tgt Ion:	97	Resp:	49779
Ion	Ratio	Lower	Upper
97	100		
99	64.0	42.4	78.8
83	89.4	64.0	119.0
85	58.3	39.8	74.0



#47
Tetrachloroethene
Concen: 5.009 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Tgt Ion:	164	Resp:	51923
Ion	Ratio	Lower	Upper
164	100		
129	99.1	67.8	125.8
131	93.9	67.2	124.8
166	123.2	88.5	164.4





#48

2-Hexanone

Concen: 56.106 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 261437

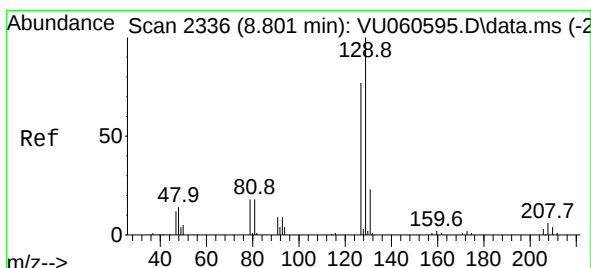
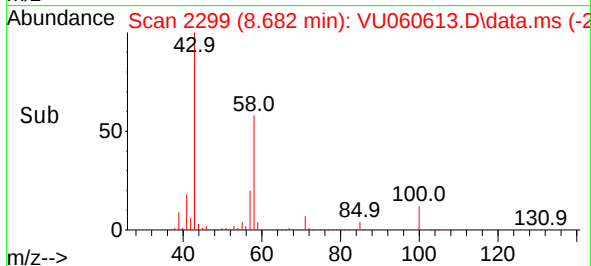
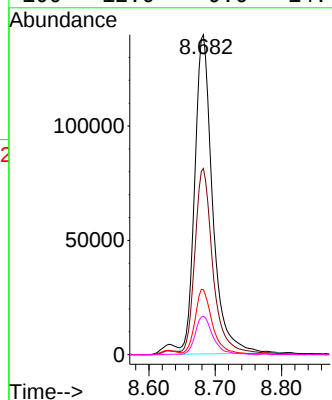
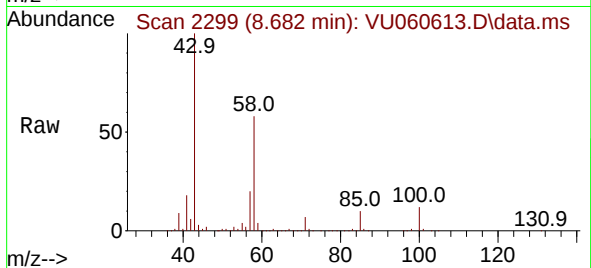
Ion Ratio Lower Upper

43 100

58 58.0 45.6 68.4

57 19.6 15.6 23.4

100 12.0 9.6 14.4



#49

Dibromochloromethane

Concen: 5.527 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU060613.D

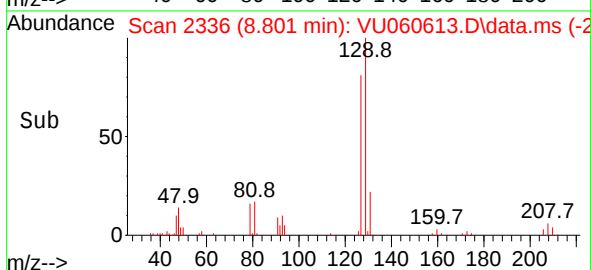
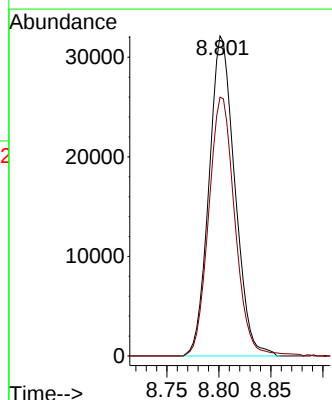
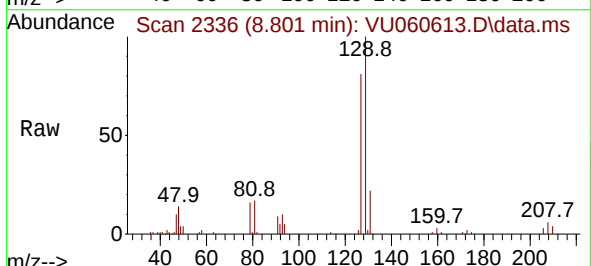
Acq: 05 Sep 2024 09:48

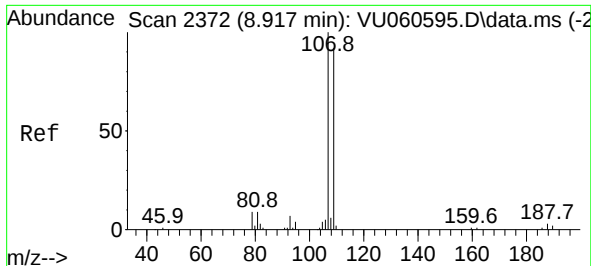
Tgt Ion: 129 Resp: 55417

Ion Ratio Lower Upper

129 100

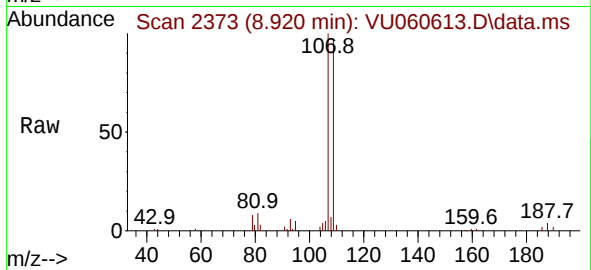
127 80.9 53.0 98.4



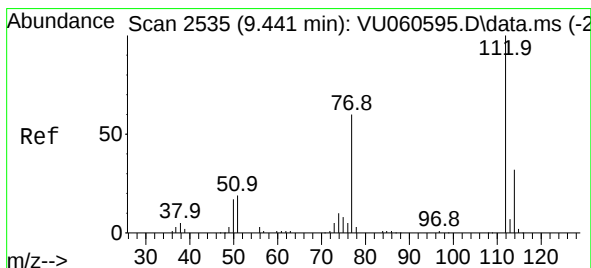
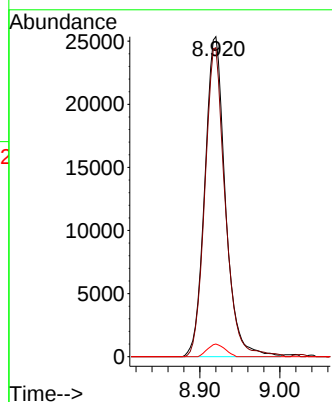
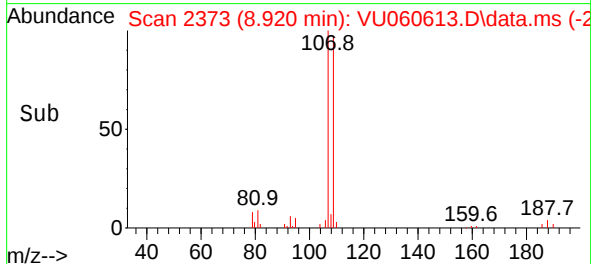


#50
1,2-Dibromoethane
Concen: 5.713 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Instrument :
MSVOA_U
ClientSampleId :

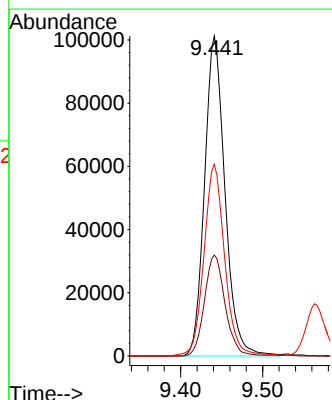
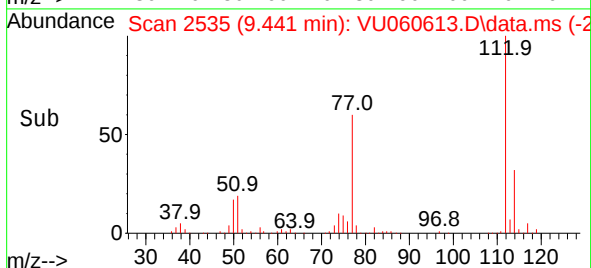
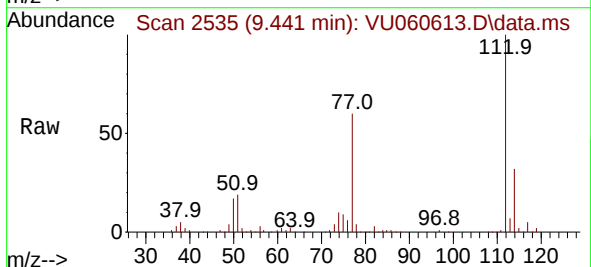


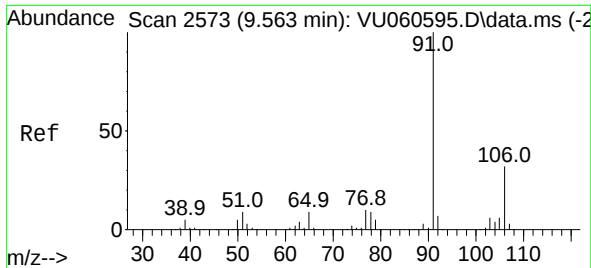
Tgt Ion:107 Resp: 45418
Ion Ratio Lower Upper
107 100
109 96.5 68.5 127.3
188 3.9 3.9 5.9



#51
Chlorobenzene
Concen: 5.492 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Tgt Ion:112 Resp: 175296
Ion Ratio Lower Upper
112 100
114 31.5 21.9 40.7
77 59.8 47.4 71.2

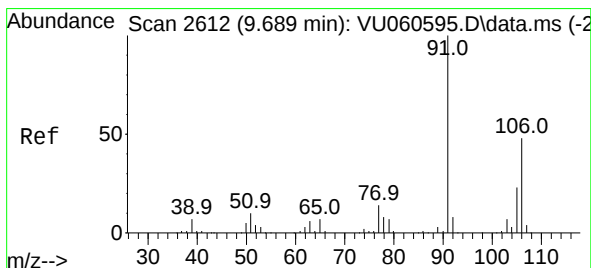
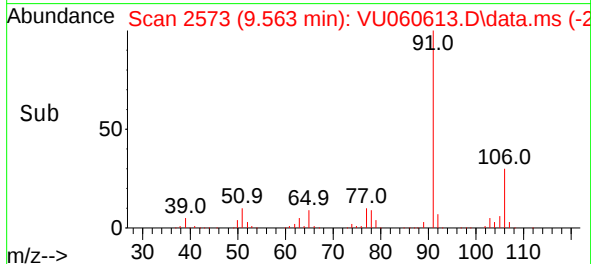
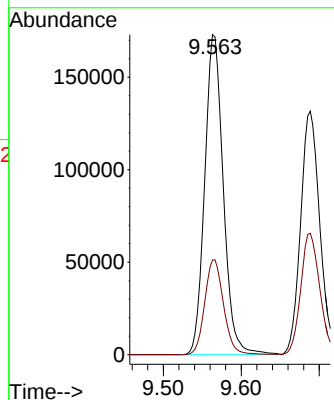
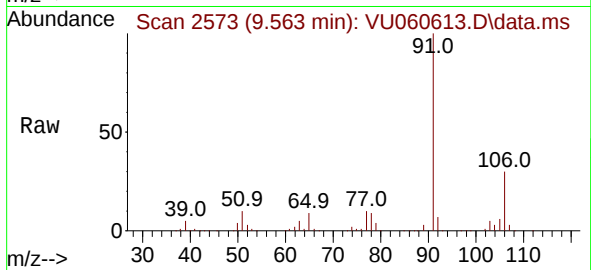




#52
Ethylbenzene
Concen: 5.498 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

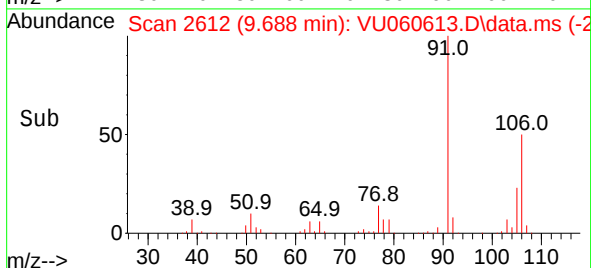
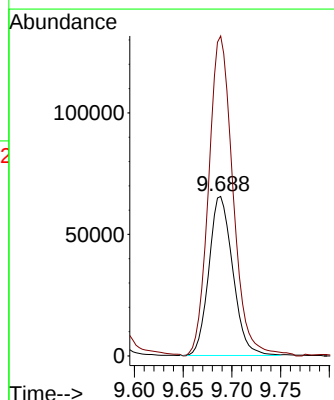
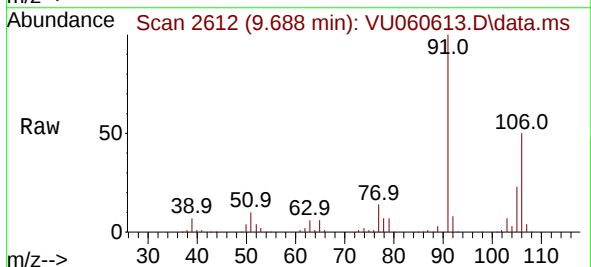
Instrument :
MSVOA_U
ClientSampleId :

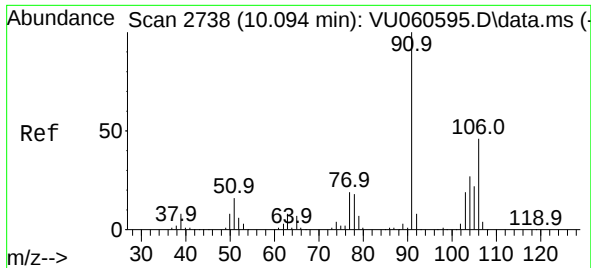
Tgt Ion: 91 Resp: 287240
Ion Ratio Lower Upper
91 100
106 29.6 21.9 40.7



#53
m,p-Xylene
Concen: 5.750 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Tgt Ion:106 Resp: 111692
Ion Ratio Lower Upper
106 100
91 200.5 141.5 262.9

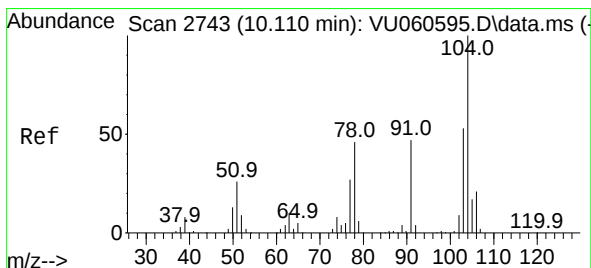
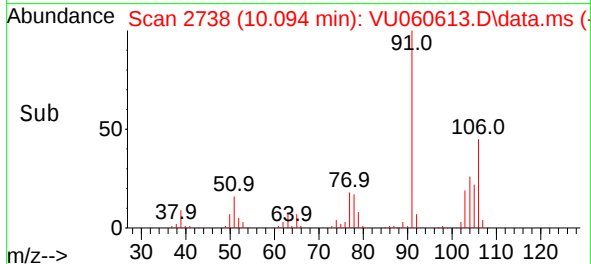
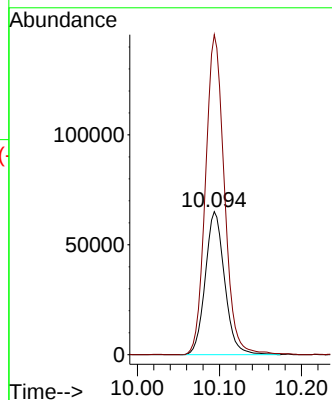
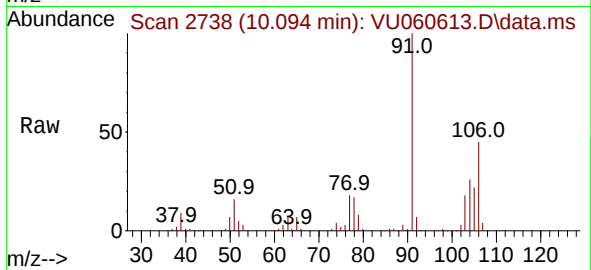




#54
o-Xylene
Concen: 5.368 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

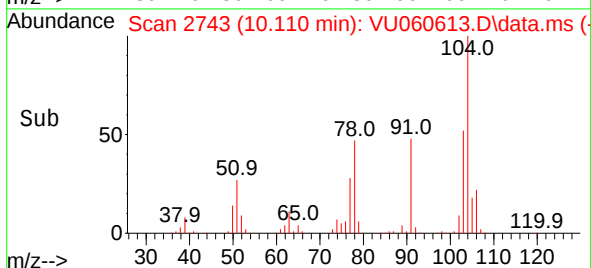
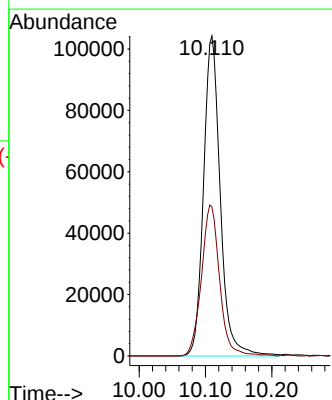
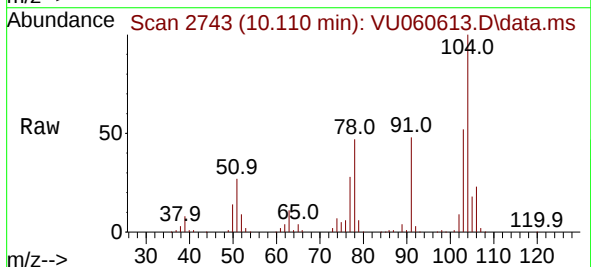
Instrument :
MSVOA_U
ClientSampleId :

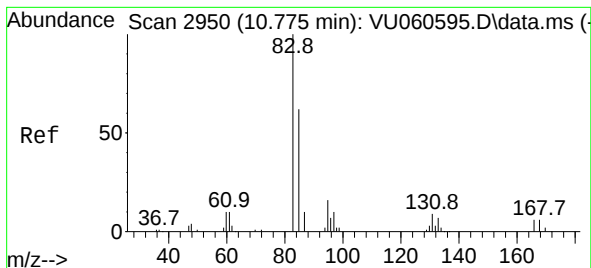
Tgt Ion:106 Resp: 106755
Ion Ratio Lower Upper
106 100
91 223.7 151.1 280.7



#55
Styrene
Concen: 5.611 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

Tgt Ion:104 Resp: 182820
Ion Ratio Lower Upper
104 100
78 46.6 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.520 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

Instrument :

MSVOA_U

ClientSampleId :

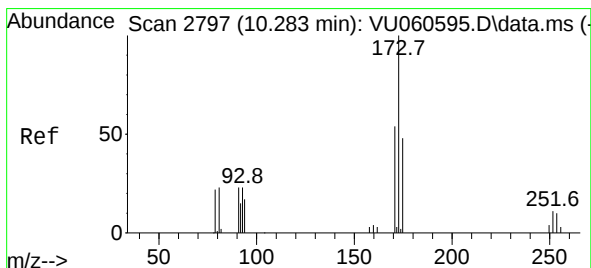
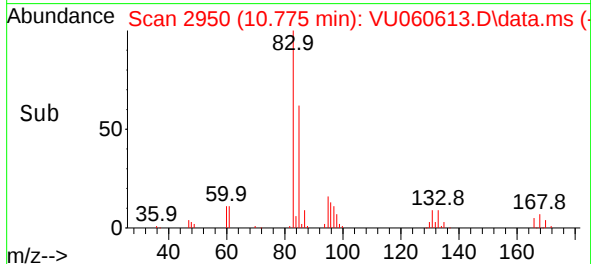
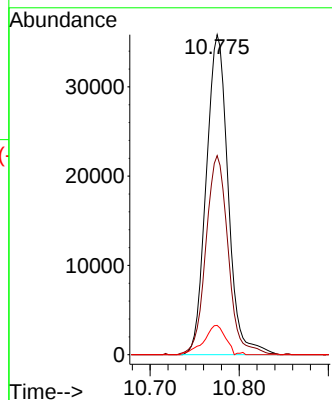
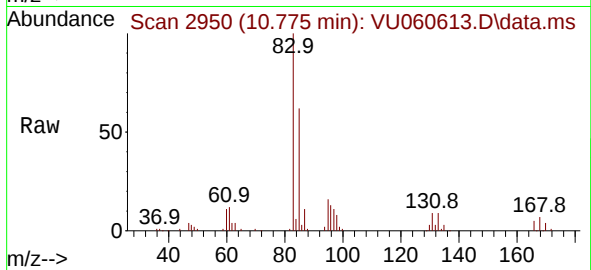
Tgt Ion: 83 Resp: 61041

Ion Ratio Lower Upper

83 100

85 62.2 43.3 80.5

131 9.2 8.9 13.3



#59

Bromoform

Concen: 5.715 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

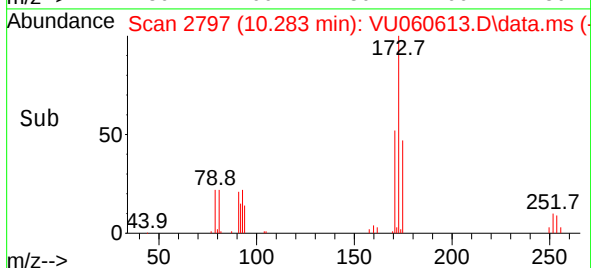
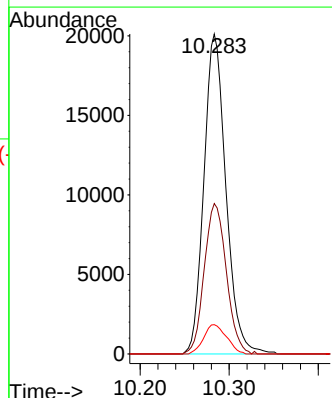
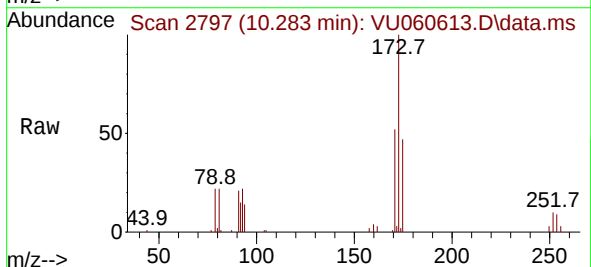
Tgt Ion:173 Resp: 34428

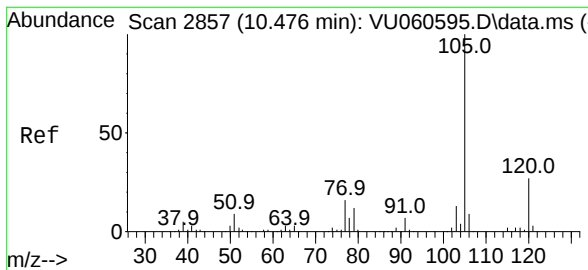
Ion Ratio Lower Upper

173 100

175 47.2 39.8 59.8

254 9.5 8.2 12.2





#60

Isopropylbenzene

Concen: 5.765 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

Instrument :

MSVOA_U

ClientSampleId :

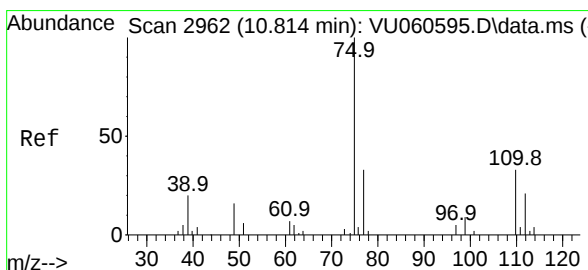
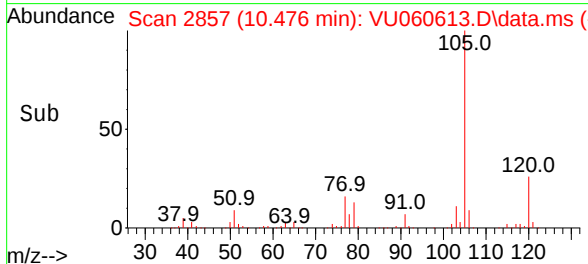
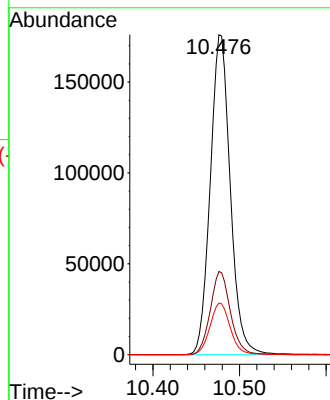
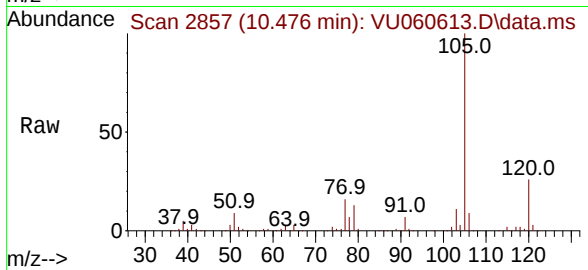
Tgt Ion:105 Resp: 282362

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

77 16.4 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 6.211 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

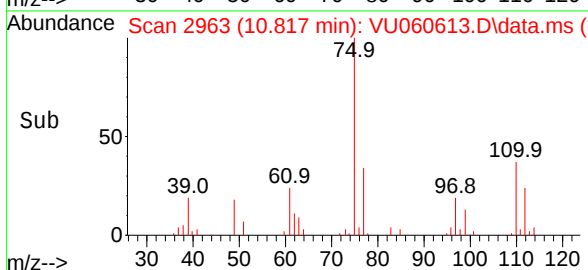
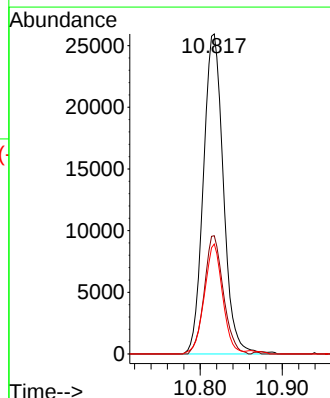
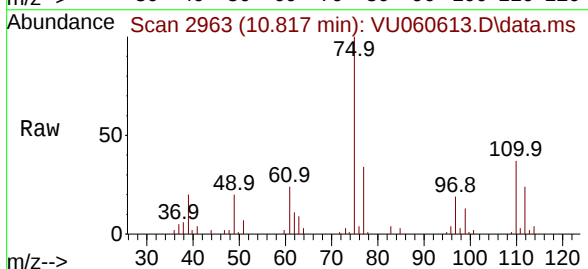
Tgt Ion: 75 Resp: 43921

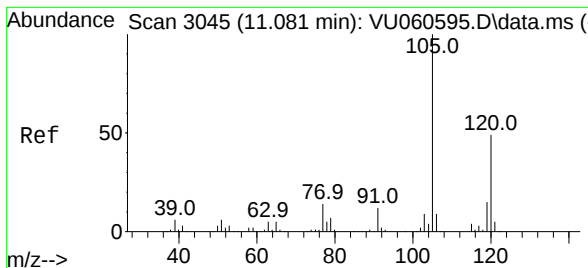
Ion Ratio Lower Upper

75 100

110 35.2 30.2 45.4

77 31.5 25.4 38.2

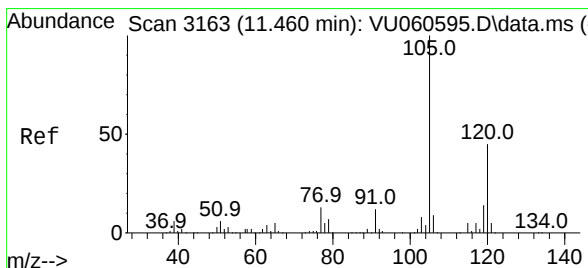
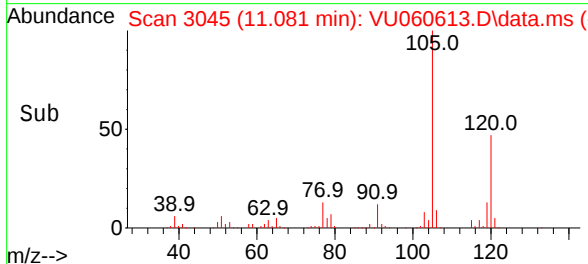
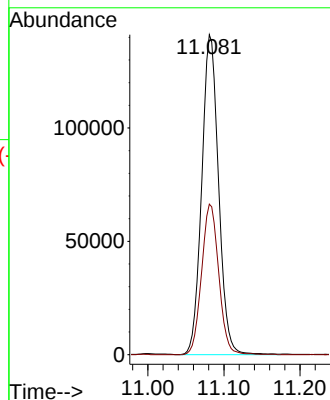
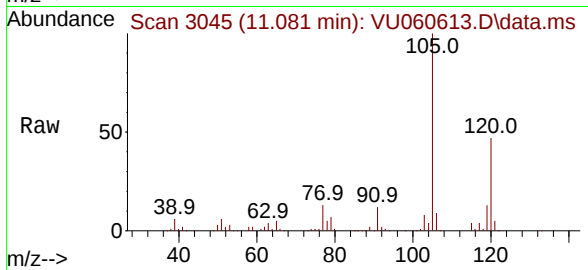




#62
1,3,5-Trimethylbenzene
Concen: 5.956 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

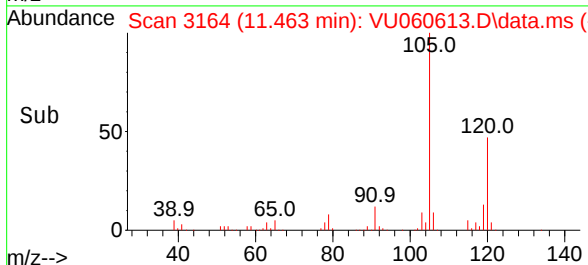
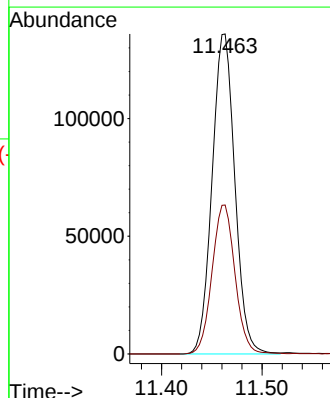
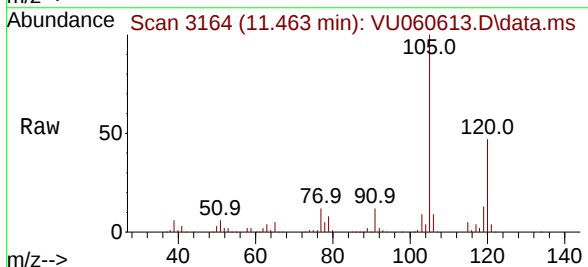
Instrument :
MSVOA_U
ClientSampleId :

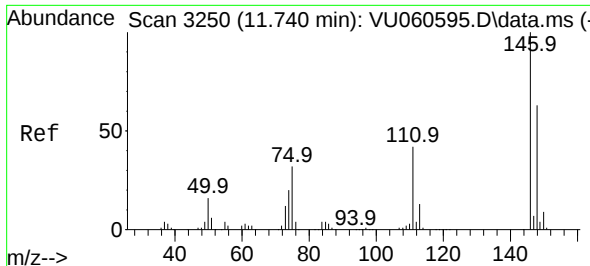
Tgt Ion:105 Resp: 217389
Ion Ratio Lower Upper
105 100
120 47.9 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 5.745 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

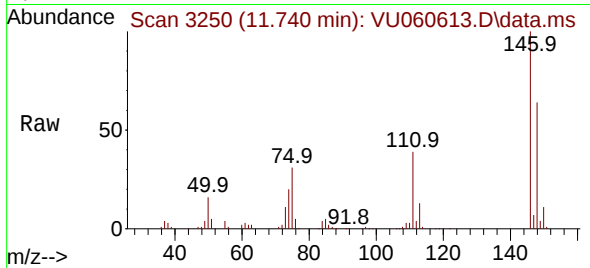
Tgt Ion:105 Resp: 213925
Ion Ratio Lower Upper
105 100
120 47.0 35.7 53.5



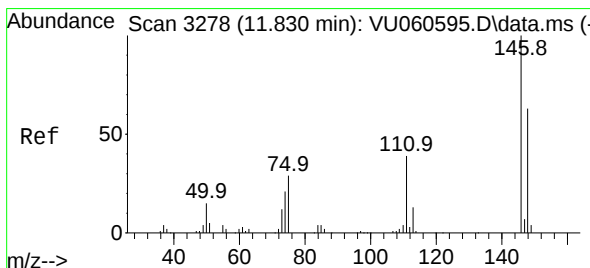
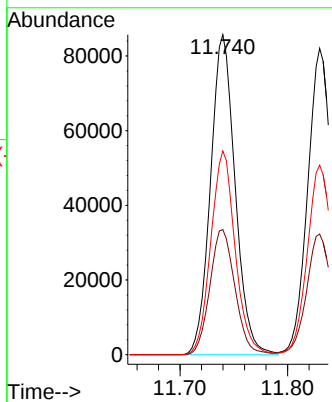
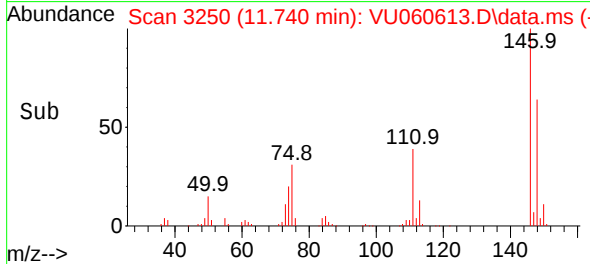


#64
1,3-Dichlorobenzene
Concen: 5.687 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48

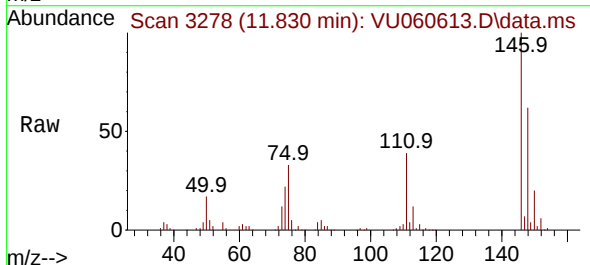
Instrument :
MSVOA_U
ClientSampleId :



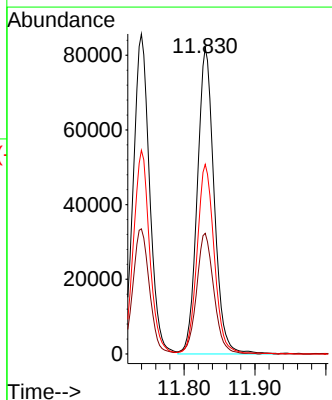
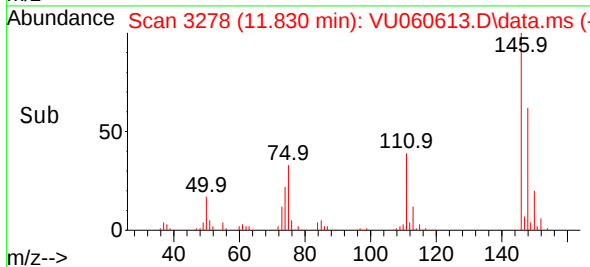
Tgt Ion:146 Resp: 136300
Ion Ratio Lower Upper
146 100
111 39.1 27.9 51.9
148 63.7 43.5 80.7

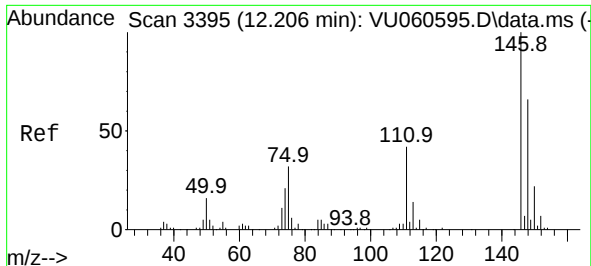


#65
1,4-Dichlorobenzene
Concen: 5.583 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060613.D
Acq: 05 Sep 2024 09:48



Tgt Ion:146 Resp: 135801
Ion Ratio Lower Upper
146 100
111 39.4 27.2 50.4
148 61.9 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.656 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

Instrument :

MSVOA_U

ClientSampleId :

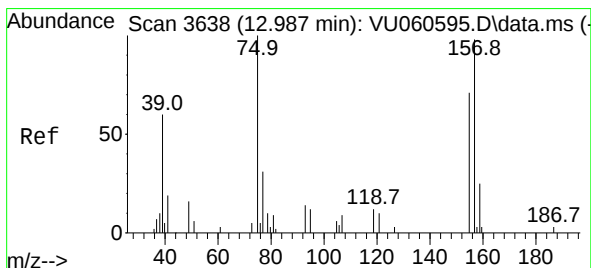
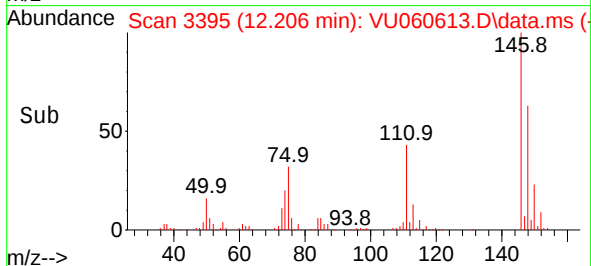
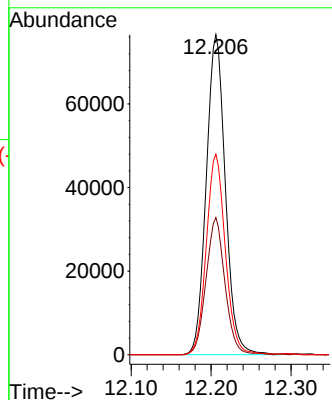
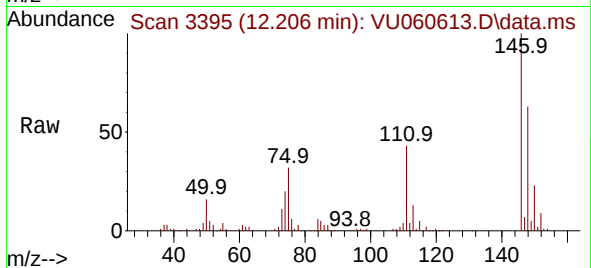
Tgt Ion:146 Resp: 127192

Ion Ratio Lower Upper

146 100

111 42.8 34.6 52.0

148 62.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.289 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

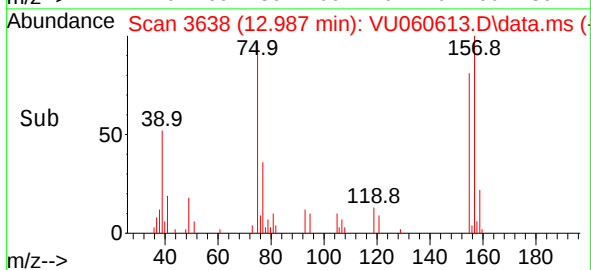
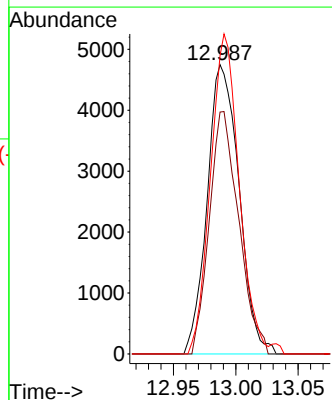
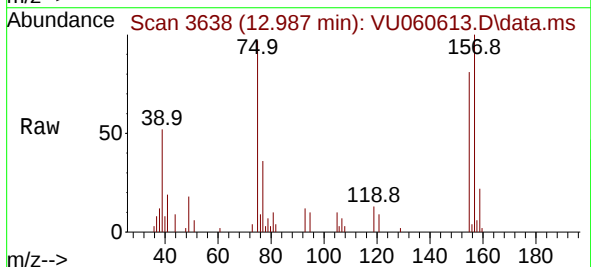
Tgt Ion: 75 Resp: 8442

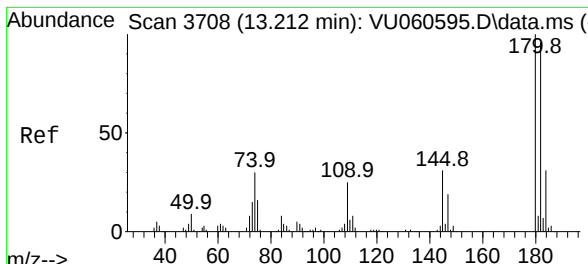
Ion Ratio Lower Upper

75 100

155 83.6 62.7 94.1

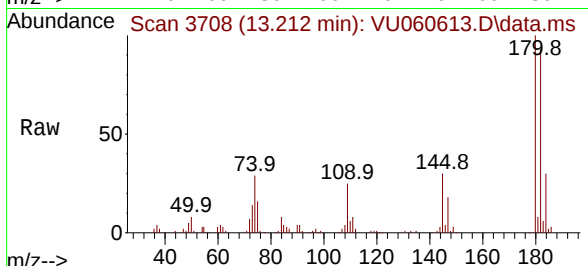
157 103.1 70.4 105.6





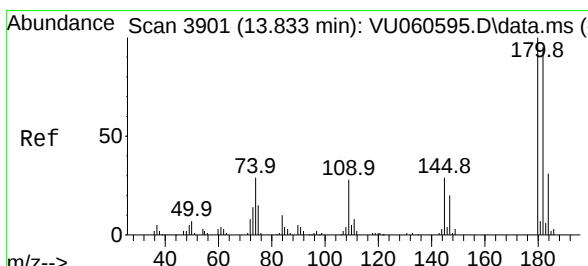
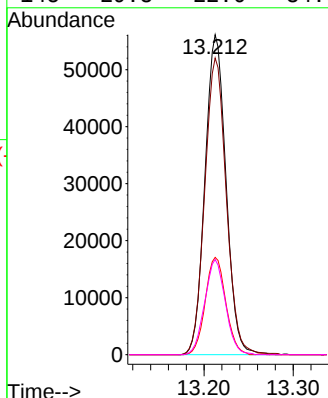
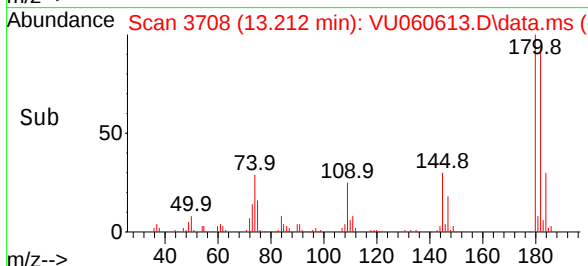
#69
 1,3,5-Trichlorobenzene
 Concen: 4.960 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. -0.000 min
 Lab File: VU060613.D
 Acq: 05 Sep 2024 09:48

Instrument :
 MSVOA_U
 ClientSampleId :

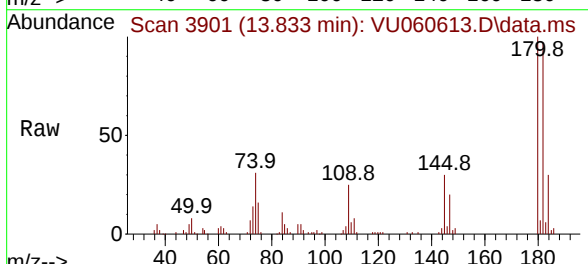


Tgt Ion:180 Resp: 91674

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.6	116.4
184	29.8	24.9	37.3
145	29.3	22.6	34.0

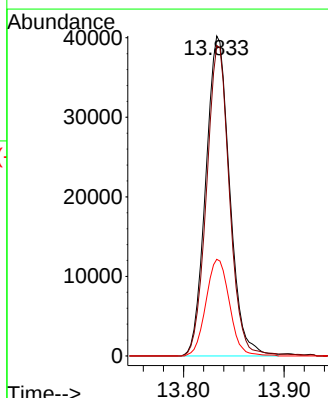
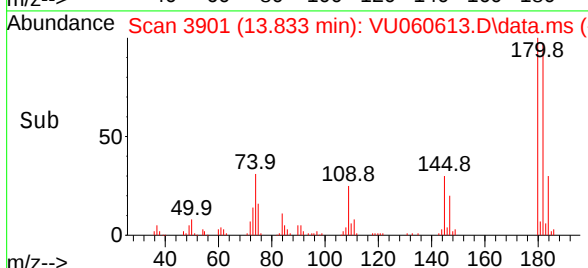


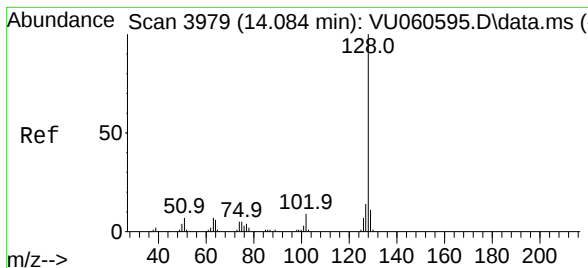
#70
 1,2,4-trichlorobenzene
 Concen: 4.450 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU060613.D
 Acq: 05 Sep 2024 09:48



Tgt Ion:180 Resp: 66351

Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.3	115.9
145	29.8	23.9	35.9





#71

Naphthalene

Concen: 4.405 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

Instrument :

MSVOA_U

ClientSampleId :

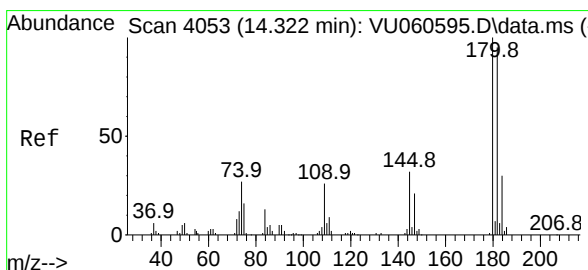
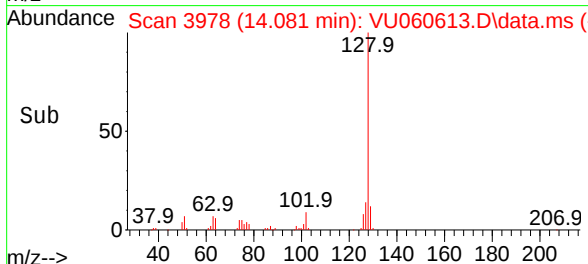
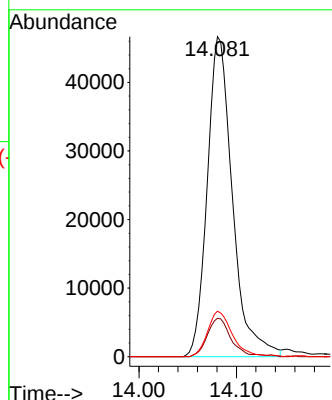
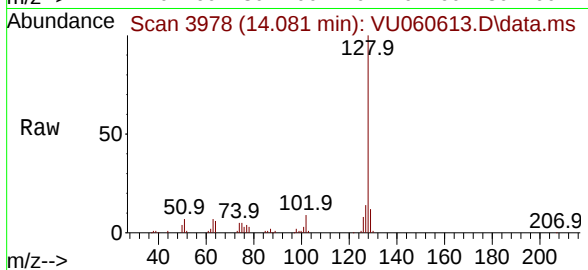
Tgt Ion:128 Resp: 83922

Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

127 13.8 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.575 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU060613.D

Acq: 05 Sep 2024 09:48

Tgt Ion:180 Resp: 57091

Ion Ratio Lower Upper

180 100

182 94.6 76.0 114.0

145 30.9 24.3 36.5

