

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092225\
 Data File : VU063613.D
 Acq On : 22 Sep 2025 10:33
 Operator : MD/SY
 Sample : VSTD010
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 23 05:12:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092225WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 23 05:11:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	251527	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	235659	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	115558	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16842	9.076	ug/L	0.00
7) Chloroethane-d5	1.901	69	14542	8.203	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	63	28736	8.193	ug/L	0.00
21) 2-Butanone-d5	4.637	46	14127	9.099	ug/L	0.03
24) Chloroform-d	5.052	84	30601	7.907	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	19788	8.288	ug/L	0.00
32) Benzene-d6	5.718	84	55767	8.181	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	18278	7.941	ug/L	0.00
41) Toluene-d8	7.891	98	50786	8.440	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	6254	6.934	ug/L	0.00
47) 2-Hexanone-d5	8.628	63	11165	13.164	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26843	7.586	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	18341	8.829	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	12196	5.478	ug/L	98
3) Chloromethane	1.515	50	16059	6.266	ug/L	98
5) Vinyl chloride	1.596	62	18909	6.686	ug/L	97
6) Bromomethane	1.843	94	12341	7.612	ug/L	99
8) Chloroethane	1.920	64	12872	7.149	ug/L	99
9) Trichlorofluoromethane	2.126	101	27973	8.077	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	15041	7.347	ug/L	98
12) 1,1-Dichloroethene	2.567	96	13249	7.348	ug/L	83
13) Acetone	2.618	43	25139	20.550	ug/L	99
14) Carbon disulfide	2.779	76	32576	5.662	ug/L	99
15) Methyl Acetate	2.946	43	17680	7.087	ug/L	95
16) Methylene chloride	3.033	84	17464	7.481	ug/L	97
17) trans-1,2-Dichloroethene	3.345	96	14301	7.387	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	44712	7.599	ug/L	99
19) 1,1-Dichloroethane	3.856	63	29353	7.243	ug/L	96
20) cis-1,2-Dichloroethene	4.653	96	16510	7.475	ug/L	94
22) 2-Butanone	4.901	43	276	0.155	ug/L	79
23) Bromochloromethane	4.962	128	8466	7.149	ug/L	87
25) Chloroform	5.075	83	31338	7.654	ug/L	93
27) 1,2-Dichloroethane	5.785	62	25348	7.846	ug/L	100
29) Cyclohexane	5.374	56	24652	8.045	ug/L	96
30) 1,1,1-Trichloroethane	5.300	97	23411	7.977	ug/L	99
31) Carbon tetrachloride	5.509	117	17833	7.352	ug/L	94
33) Benzene	5.763	78	61954	7.797	ug/L	100
34) Trichloroethene	6.534	95	17401	8.457	ug/L	97
35) Methylcyclohexane	6.750	83	25115	8.230	ug/L	99
37) 1,2-Dichloropropane	6.779	63	17856	7.663	ug/L #	97
38) Bromodichloromethane	7.097	83	19509	7.054	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	19487	6.234	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	46139	15.629	ug/L	99
42) Toluene	7.962	91	67100	8.070	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	17253	6.000	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092225\
 Data File : VU063613.D
 Acq On : 22 Sep 2025 10:33
 Operator : MD/SY
 Sample : VSTD010
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

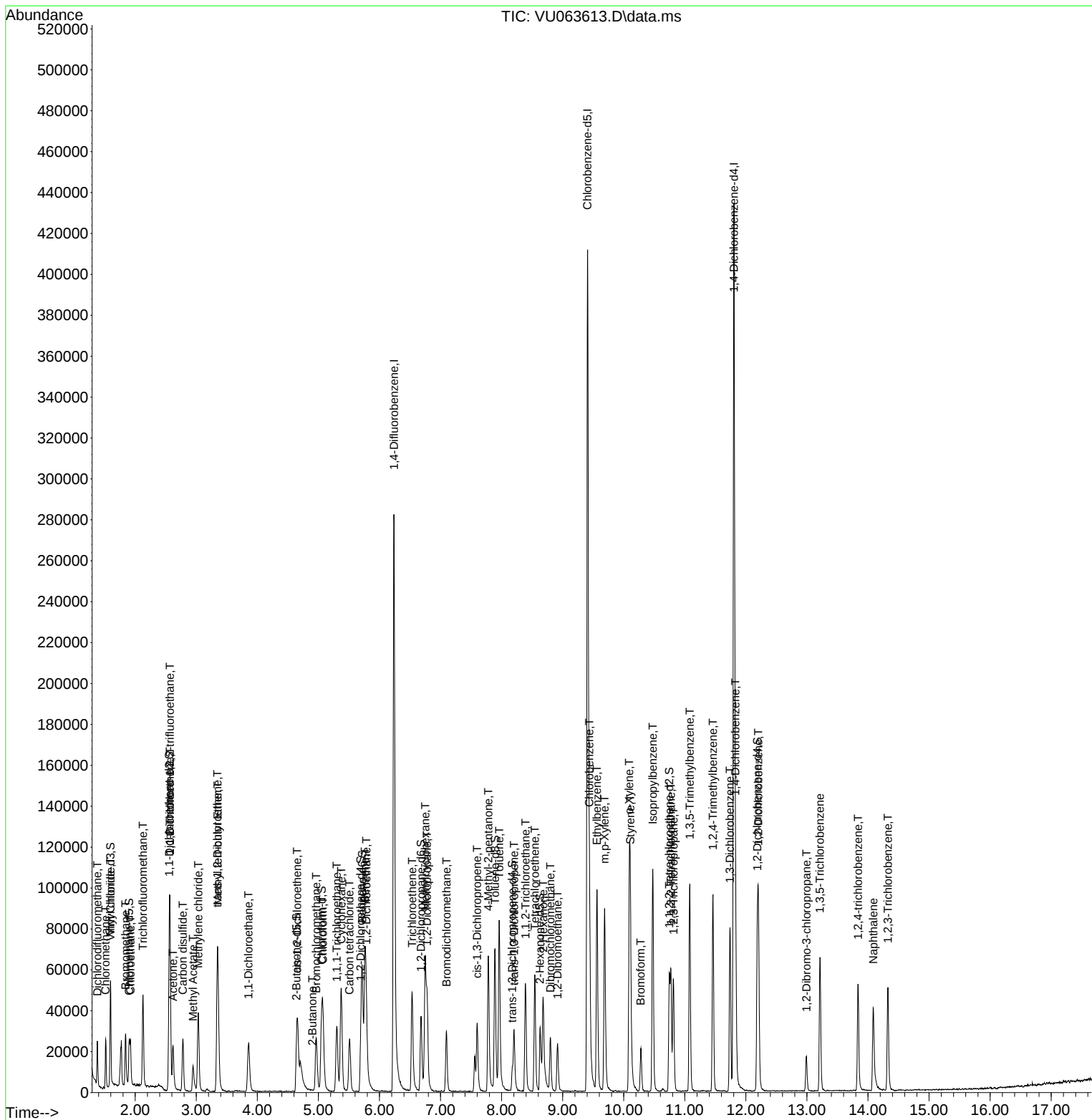
Instrument :
 MSVOA_U
 ClientSampleId :

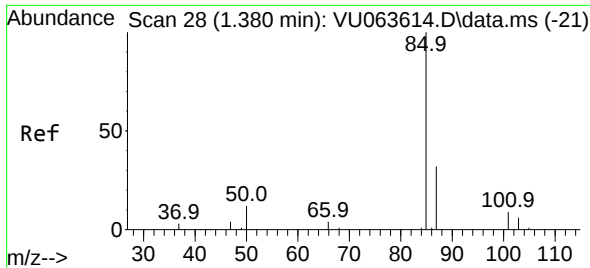
Quant Time: Sep 23 05:12:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092225WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 23 05:11:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	16429	7.587	ug/L	98
46) Tetrachloroethene	8.544	164	12418	8.108	ug/L	97
48) 2-Hexanone	8.679	43	32761	14.452	ug/L	97
49) Dibromochloromethane	8.798	129	13694	6.752	ug/L	98
50) 1,2-Dibromoethane	8.917	107	17082	7.717	ug/L	98
51) Chlorobenzene	9.438	112	45325	8.299	ug/L	96
52) Ethylbenzene	9.560	91	72104	8.138	ug/L	96
53) m,p-Xylene	9.685	106	26612	8.192	ug/L	94
54) o-Xylene	10.090	106	25484	8.119	ug/L	94
55) Styrene	10.110	104	42517	8.017	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	27633	7.224	ug/L	99
59) Bromoform	10.277	173	9491	6.471	ug/L	95
60) 1,2,3-Trichloropropane	10.814	75	23284	8.563	ug/L	98
61) Isopropylbenzene	10.476	105	71851	9.394	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	55607	9.238	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	53195	9.303	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	32682	8.715	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	32902	8.560	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	31755	8.380	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	4573	6.346	ug/L	90
69) 1,3,5-Trichlorobenzene	13.213	180	21260	8.296	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	17115	8.559	ug/L	98
71) Naphthalene	14.087	128	41811	7.751	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	15954	8.202	ug/L	100

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

Quant Time: Sep 23 05:12:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092225WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 23 05:11:23 2025
Response via : Initial Calibration

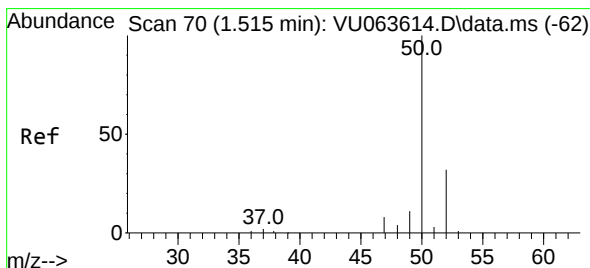
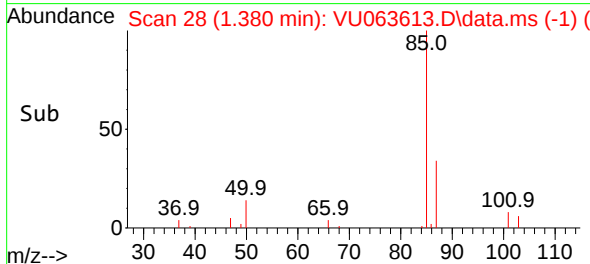
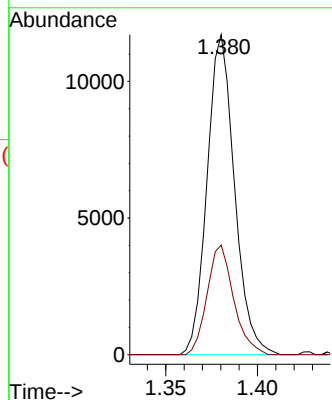
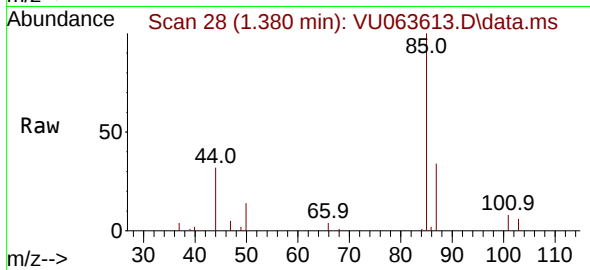




#2
Dichlorodifluoromethane
Concen: 5.478 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

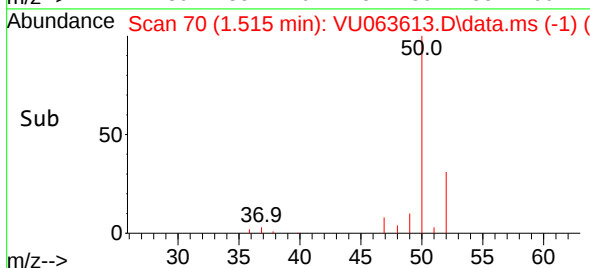
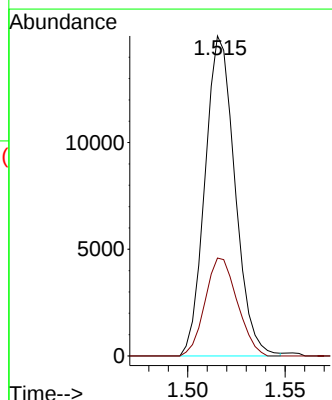
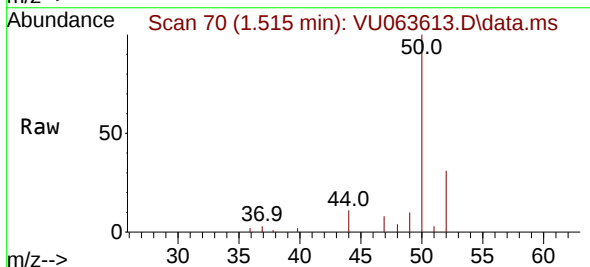
Instrument :
MSVOA_U
ClientSampleId :

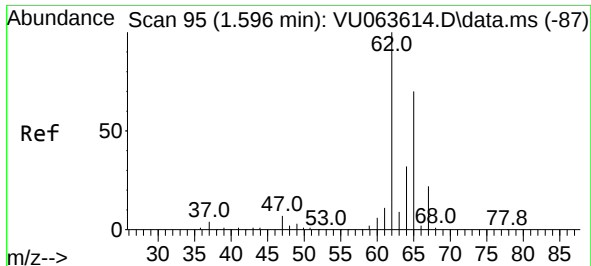
Tgt Ion: 85 Resp: 12196
Ion Ratio Lower Upper
85 100
87 33.1 25.5 38.3



#3
Chloromethane
Concen: 6.266 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

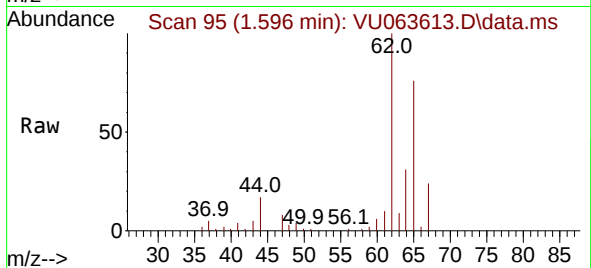
Tgt Ion: 50 Resp: 16059
Ion Ratio Lower Upper
50 100
52 30.6 22.2 41.2



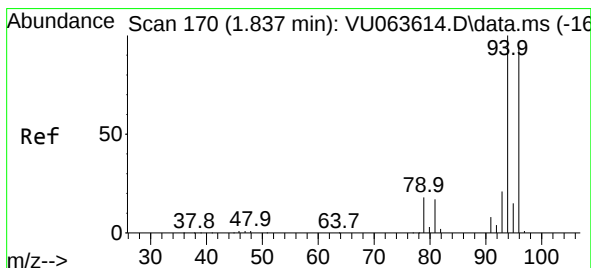
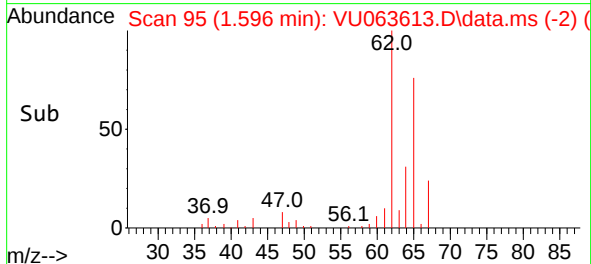
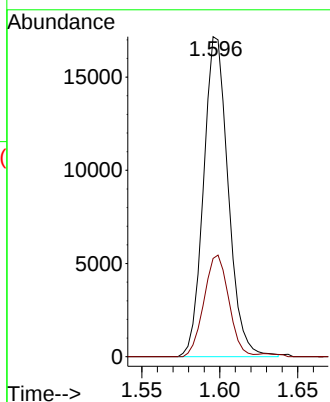


#5
 Vinyl chloride
 Concen: 6.686 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU063613.D
 Acq: 22 Sep 2025 10:33

Instrument :
 MSVOA_U
 ClientSampleId :

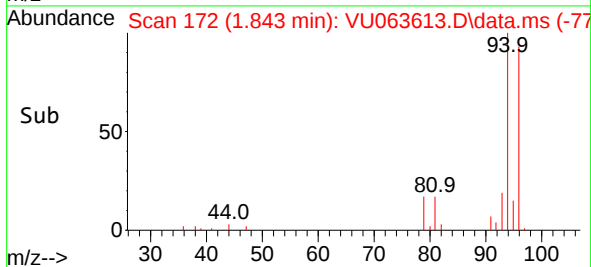
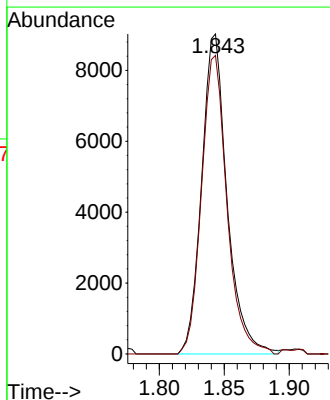
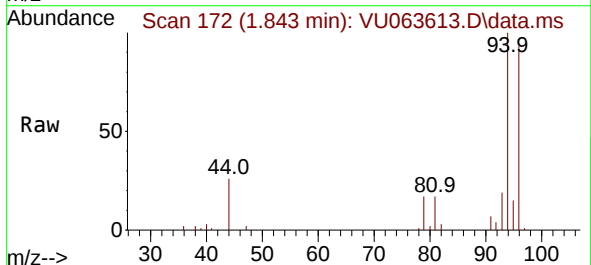


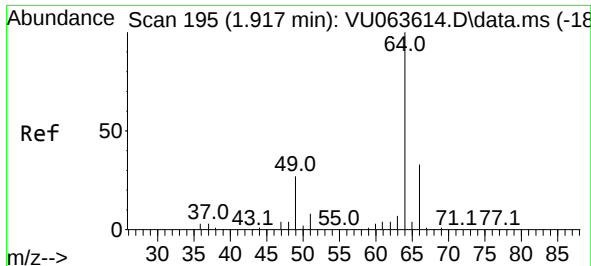
Tgt Ion: 62 Resp: 18909
 Ion Ratio Lower Upper
 62 100
 64 30.7 22.5 41.7



#6
 Bromomethane
 Concen: 7.612 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VU063613.D
 Acq: 22 Sep 2025 10:33

Tgt Ion: 94 Resp: 12341
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.7 122.1

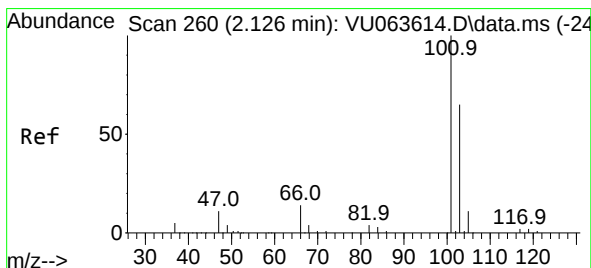
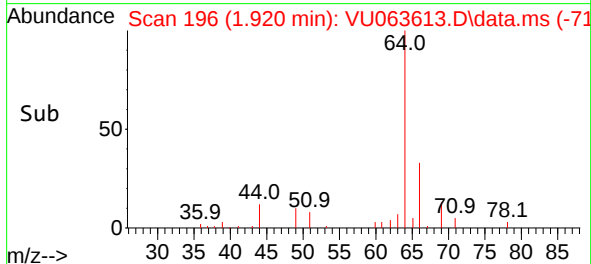
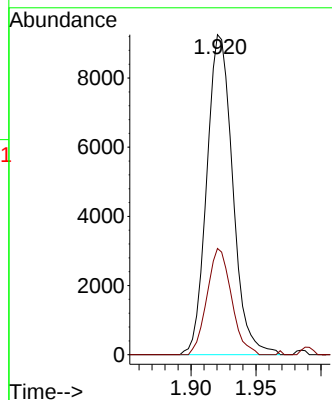
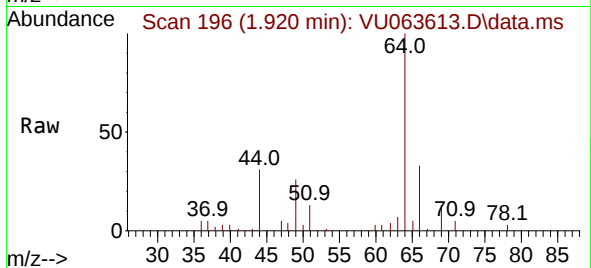




#8
Chloroethane
Concen: 7.149 ug/L
RT: 1.920 min Scan# 195
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

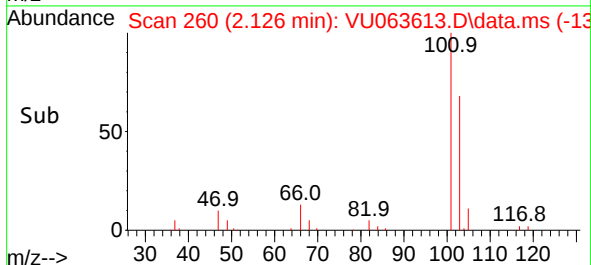
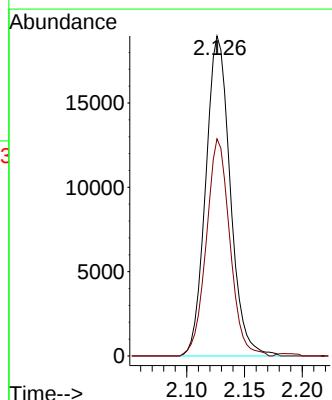
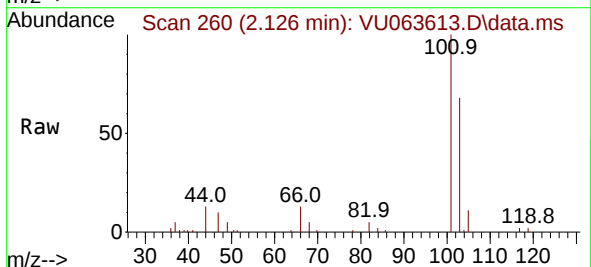
Instrument :
MSVOA_U
ClientSampleId :

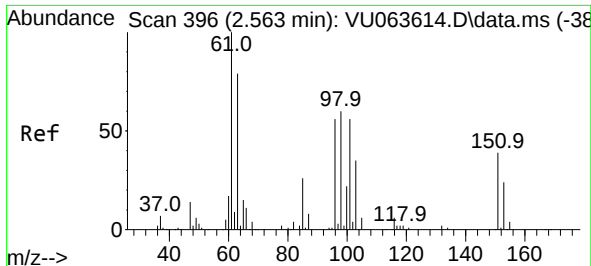
Tgt Ion: 64 Resp: 12872
Ion Ratio Lower Upper
64 100
66 33.2 22.8 42.4



#9
Trichlorofluoromethane
Concen: 8.077 ug/L
RT: 2.126 min Scan# 260
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion: 101 Resp: 27973
Ion Ratio Lower Upper
101 100
103 65.3 51.1 76.7

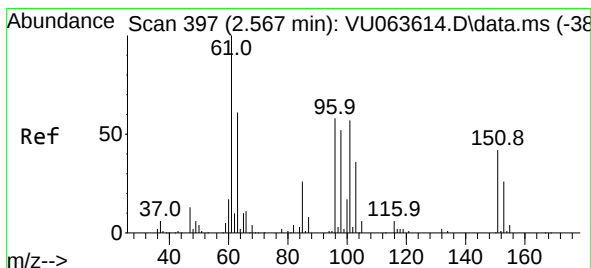
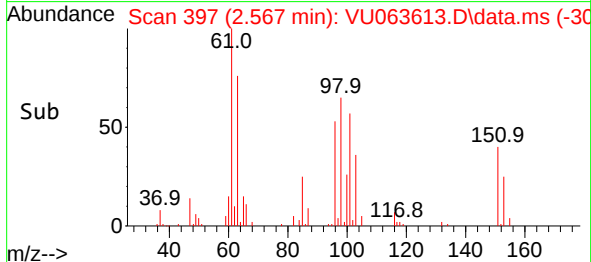
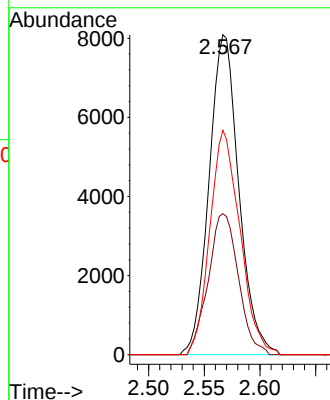
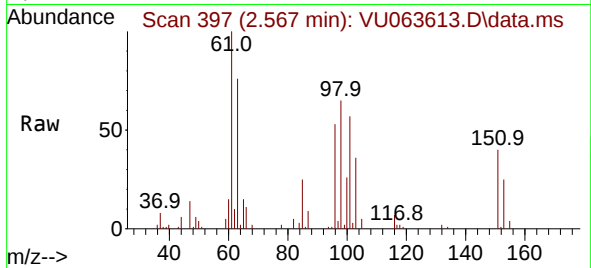




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.347 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. 0.003 min
 Lab File: VU063613.D
 Acq: 22 Sep 2025 10:33

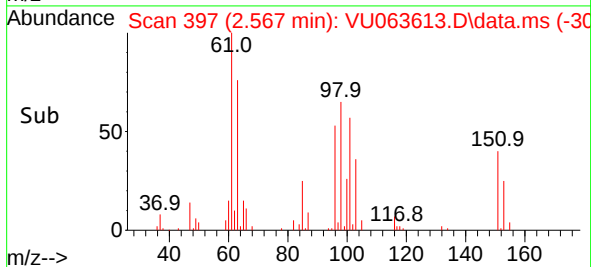
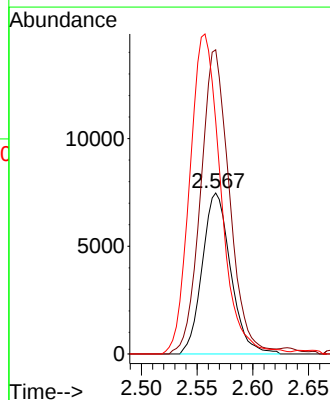
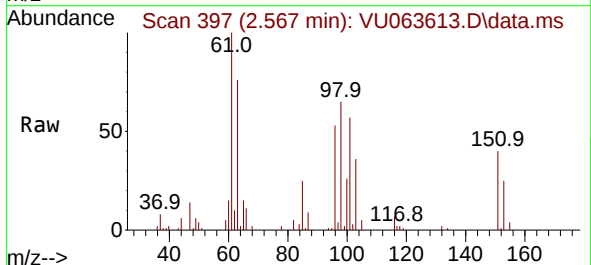
Instrument :
 MSVOA_U
 ClientSampleId :

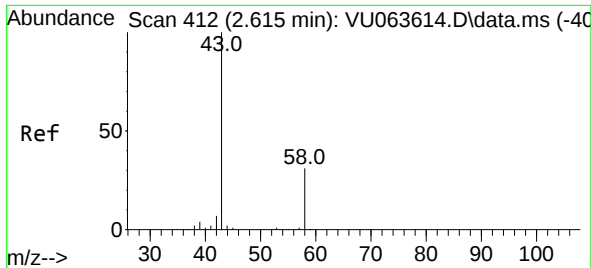
Tgt Ion:	101	Resp:	15041
Ion	Ratio	Lower	Upper
101	100		
85	44.6	36.8	55.2
151	70.9	58.0	87.0



#12
 1,1-Dichloroethene
 Concen: 7.348 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063613.D
 Acq: 22 Sep 2025 10:33

Tgt Ion:	96	Resp:	13249
Ion	Ratio	Lower	Upper
96	100		
61	189.0	121.4	225.4
63	144.6	81.5	151.3





#13

Acetone

Concen: 20.550 ug/L

RT: 2.618 min Scan# 412

Delta R.T. 0.003 min

Lab File: VU063613.D

Acq: 22 Sep 2025 10:33

Instrument :

MSVOA_U

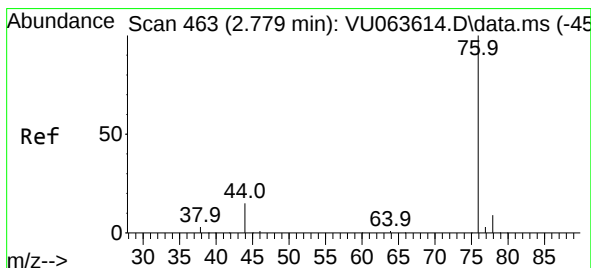
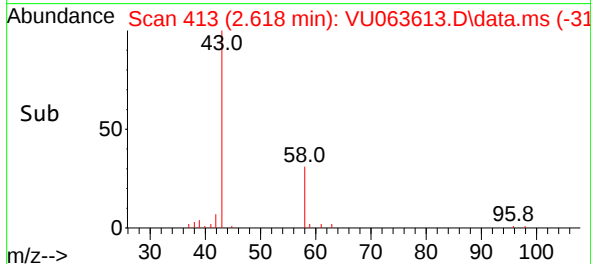
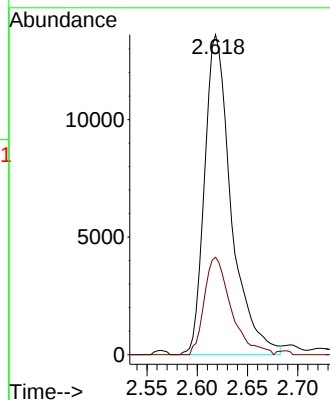
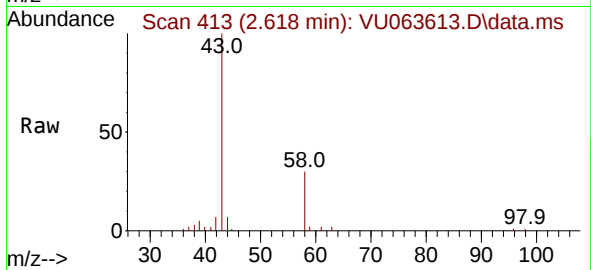
ClientSampleId :

Tgt Ion: 43 Resp: 25139

Ion Ratio Lower Upper

43 100

58 30.5 0.0 62.4



#14

Carbon disulfide

Concen: 5.662 ug/L

RT: 2.779 min Scan# 463

Delta R.T. 0.000 min

Lab File: VU063613.D

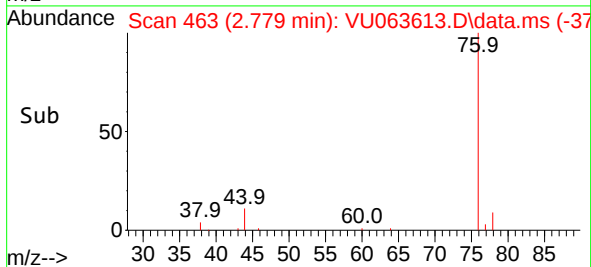
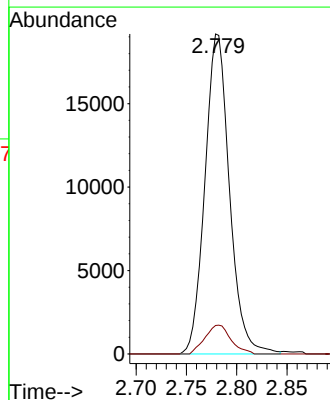
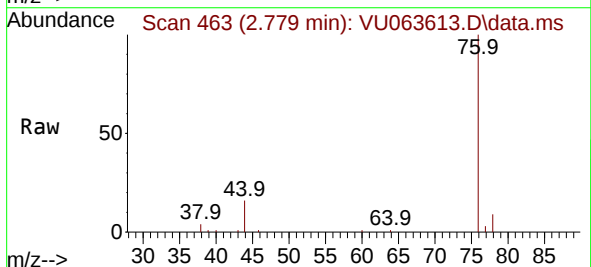
Acq: 22 Sep 2025 10:33

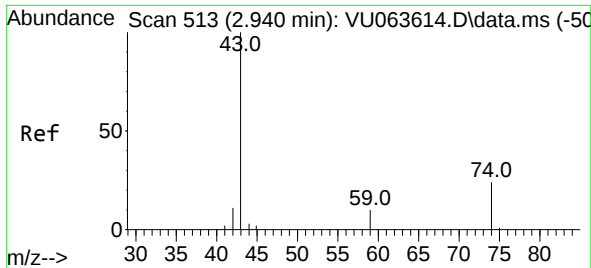
Tgt Ion: 76 Resp: 32576

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

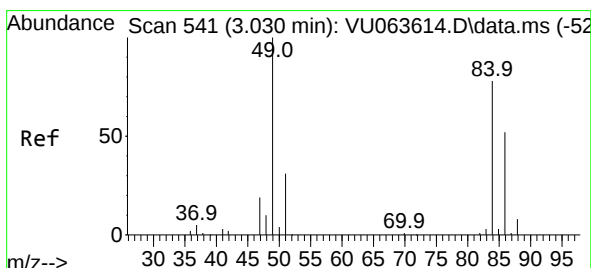
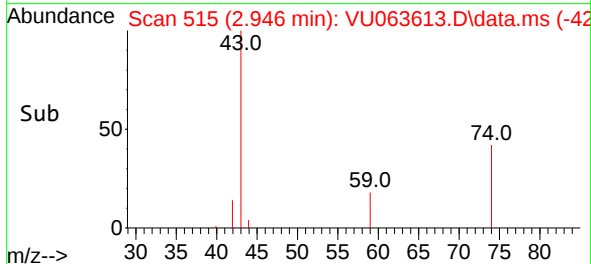
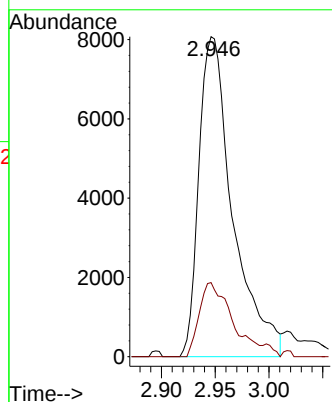
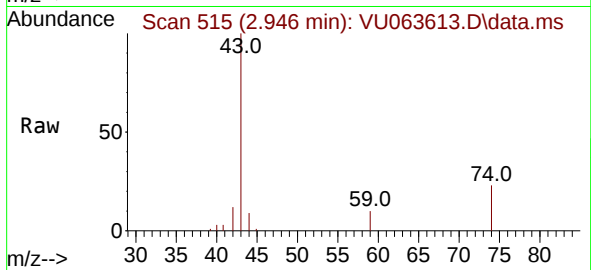




#15
Methyl Acetate
Concen: 7.087 ug/L
RT: 2.946 min Scan# 513
Delta R.T. 0.006 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

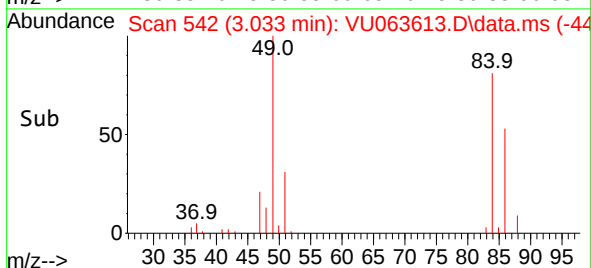
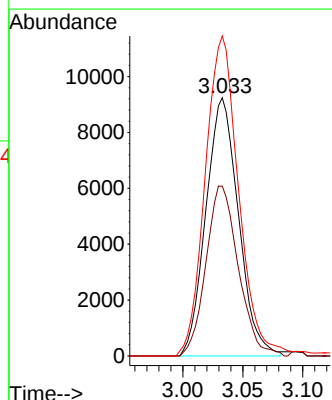
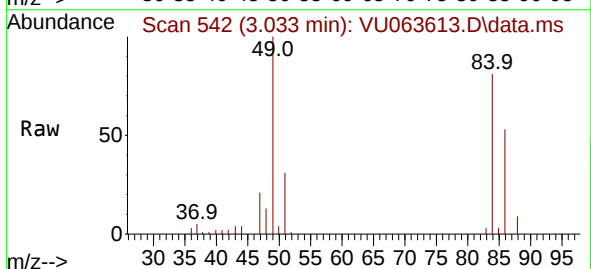
Instrument :
MSVOA_U
ClientSampleId :

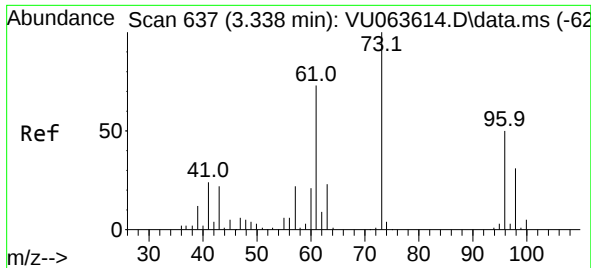
Tgt Ion: 43 Resp: 17680
Ion Ratio Lower Upper
43 100
74 20.0 18.0 27.0



#16
Methylene chloride
Concen: 7.481 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion: 84 Resp: 17464
Ion Ratio Lower Upper
84 100
86 65.8 47.2 87.6
49 123.9 90.2 167.4

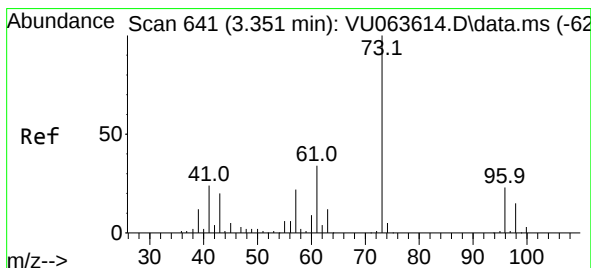
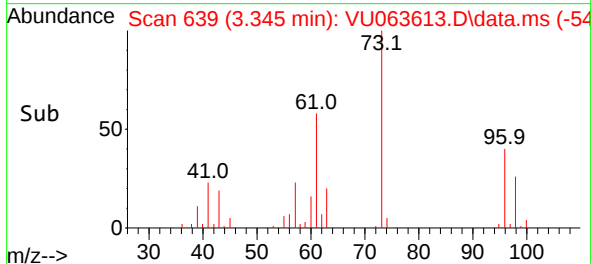
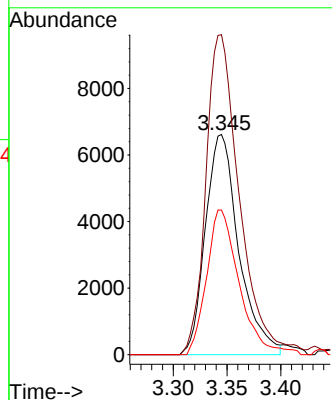
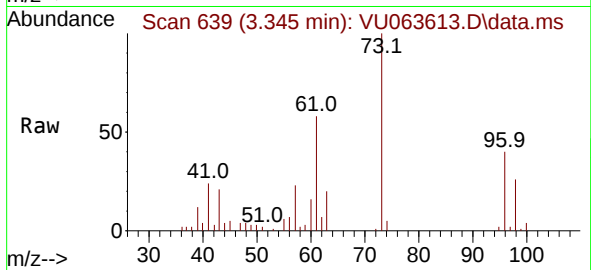




#17
trans-1,2-Dichloroethene
Concen: 7.387 ug/L
RT: 3.345 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

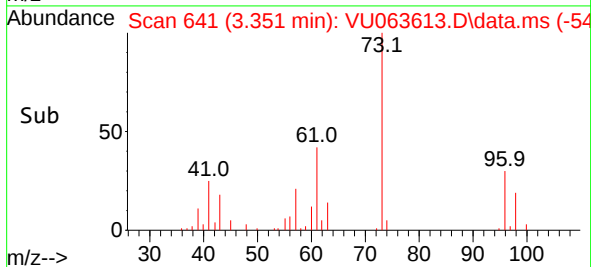
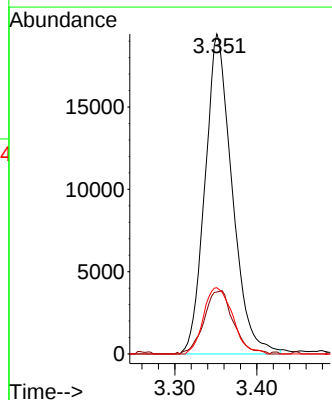
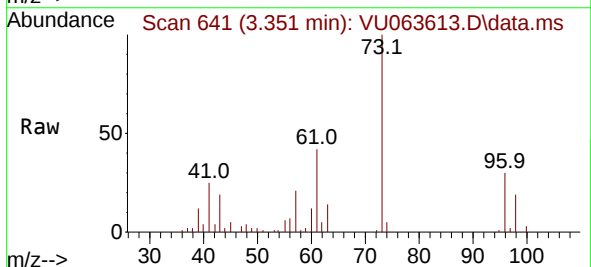
Instrument :
MSVOA_U
ClientSampleId :

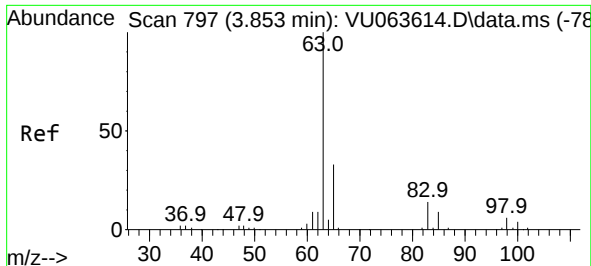
Tgt Ion: 96 Resp: 14301
Ion Ratio Lower Upper
96 100
61 145.4 102.2 189.8
98 65.7 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 7.599 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion: 73 Resp: 44712
Ion Ratio Lower Upper
73 100
43 21.3 16.5 24.7
57 22.3 17.8 26.6





#19

1,1-Dichloroethane

Concen: 7.243 ug/L

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU063613.D

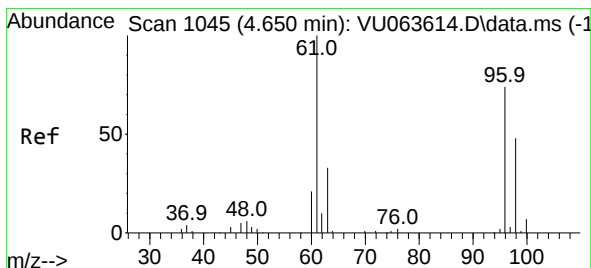
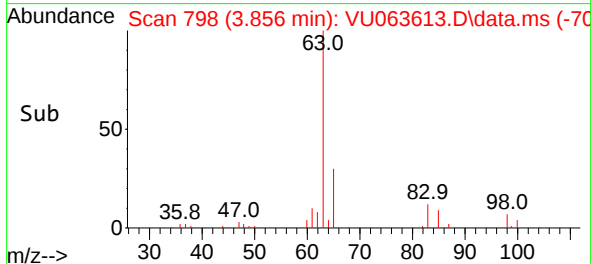
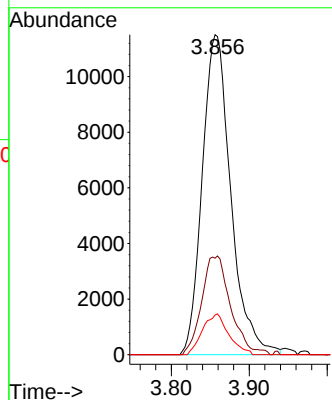
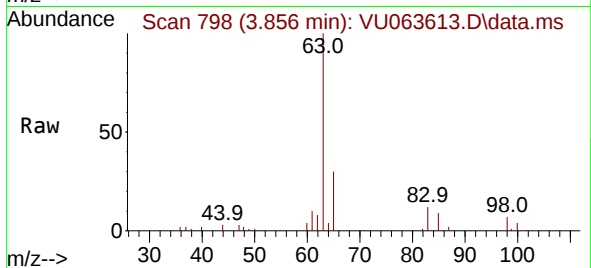
Acq: 22 Sep 2025 10:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	29353
Ion	Ratio	Lower	Upper
63	100		
65	30.2	23.0	42.8
83	12.4	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 7.475 ug/L

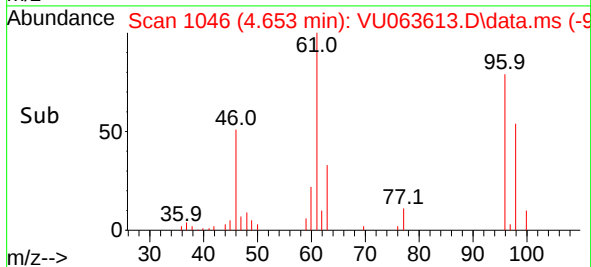
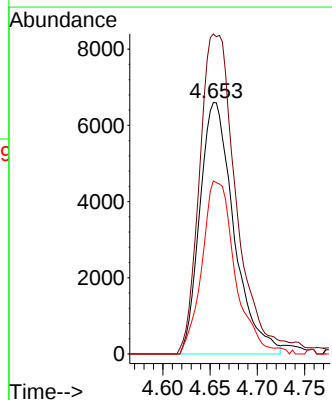
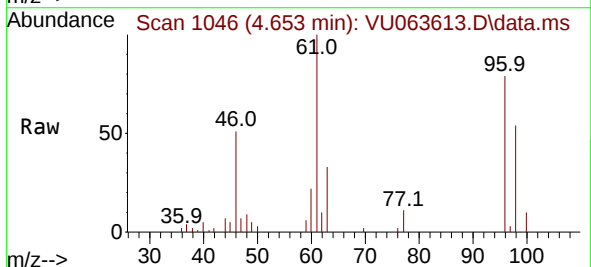
RT: 4.653 min Scan# 1046

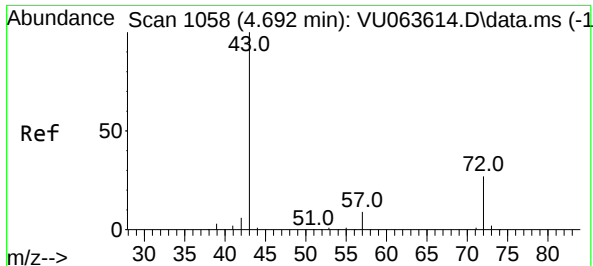
Delta R.T. 0.003 min

Lab File: VU063613.D

Acq: 22 Sep 2025 10:33

Tgt Ion:	96	Resp:	16510
Ion	Ratio	Lower	Upper
96	100		
61	127.3	95.5	177.3
98	68.8	46.1	85.7

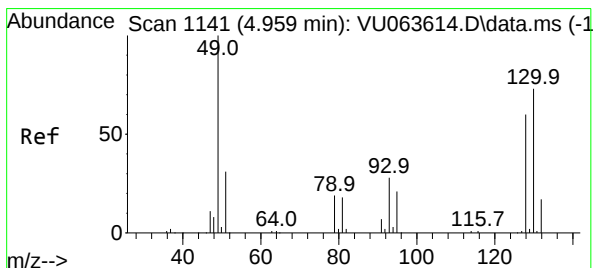
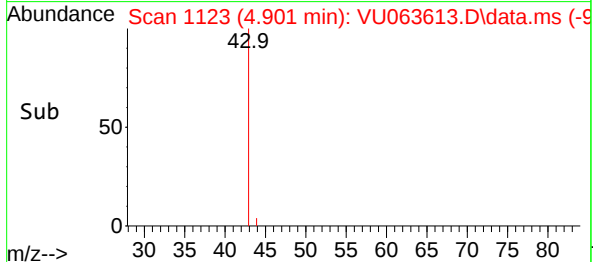
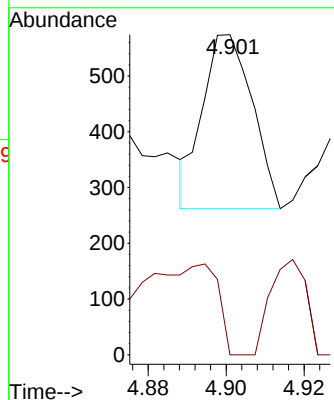
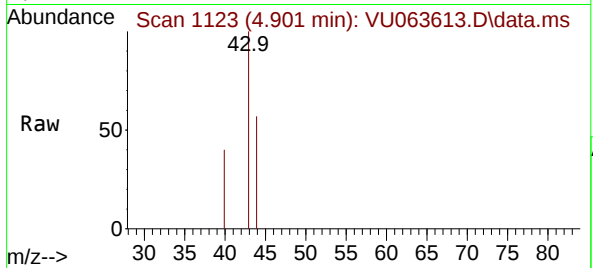




#22
2-Butanone
Concen: 0.155 ug/L
RT: 4.901 min Scan# 1123
Delta R.T. 0.209 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

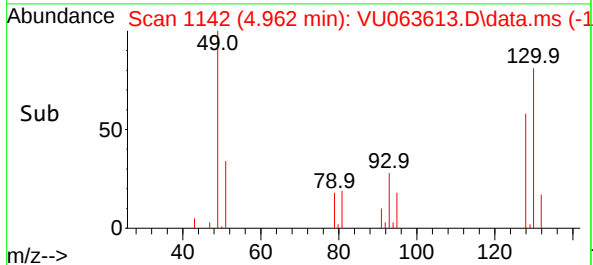
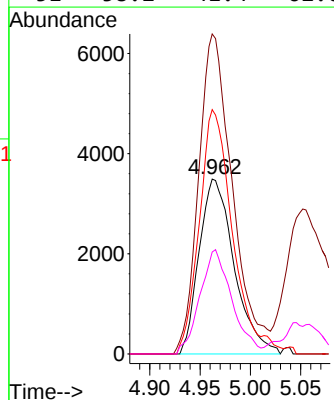
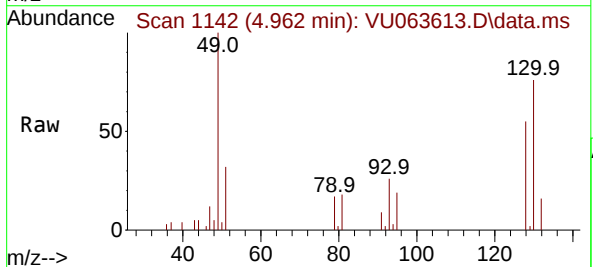
Instrument :
MSVOA_U
ClientSampleId :

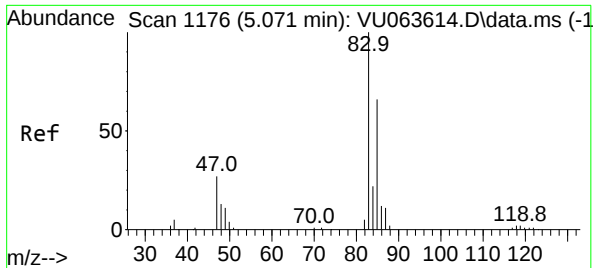
Tgt Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
72 36.2 12.7 38.1



#23
Bromochloromethane
Concen: 7.149 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion:128 Resp: 8466
Ion Ratio Lower Upper
128 100
49 183.0 116.6 216.5
130 139.7 85.6 159.0
51 58.2 41.4 62.0

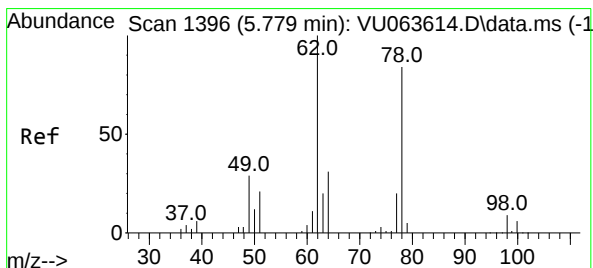
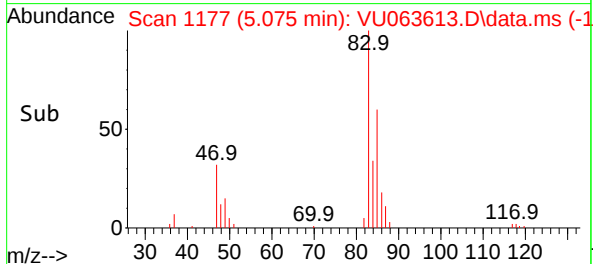
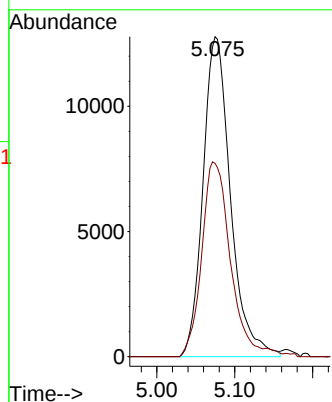
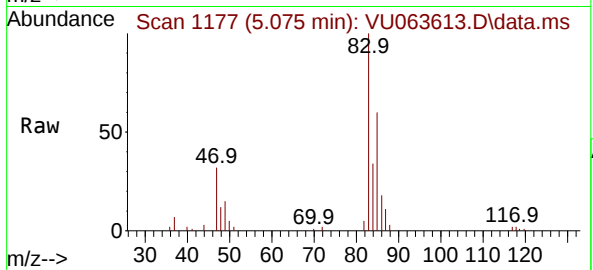




#25
Chloroform
Concen: 7.654 ug/L
RT: 5.075 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

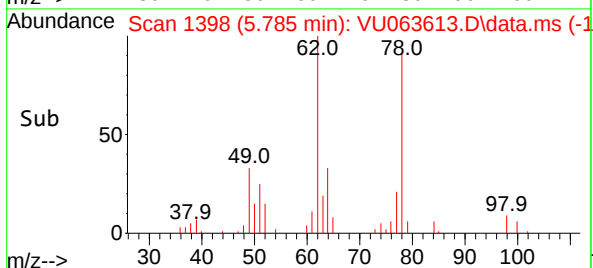
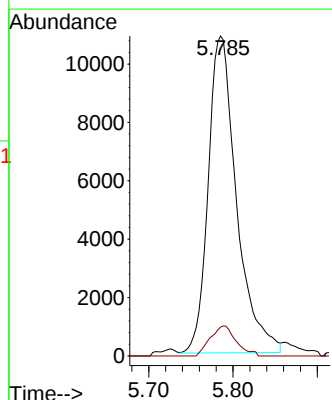
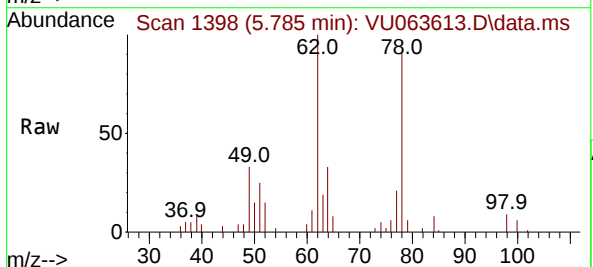
Instrument :
MSVOA_U
ClientSampleId :

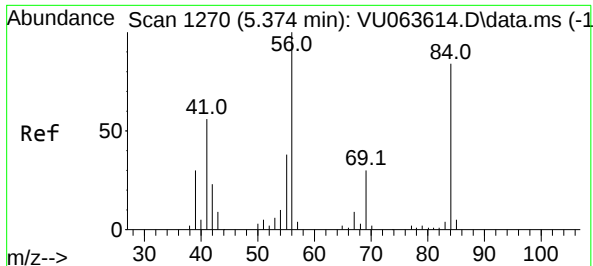
Tgt Ion: 83 Resp: 31338
Ion Ratio Lower Upper
83 100
85 60.4 46.1 85.7



#27
1,2-Dichloroethane
Concen: 7.846 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion: 62 Resp: 25348
Ion Ratio Lower Upper
62 100
98 9.0 7.1 10.7





#29

Cyclohexane

Concen: 8.045 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VU063613.D

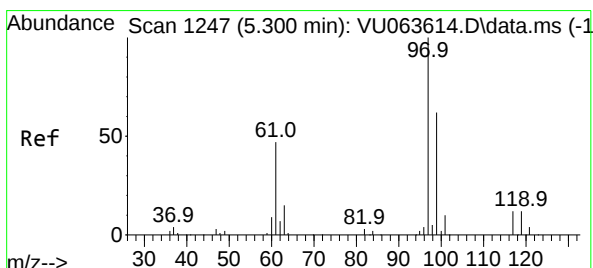
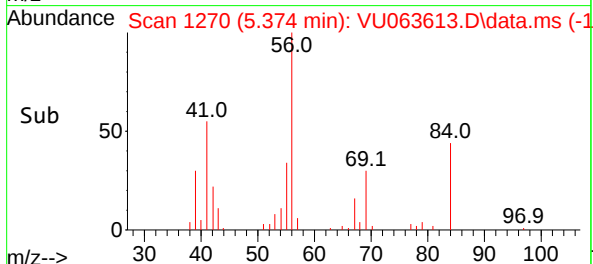
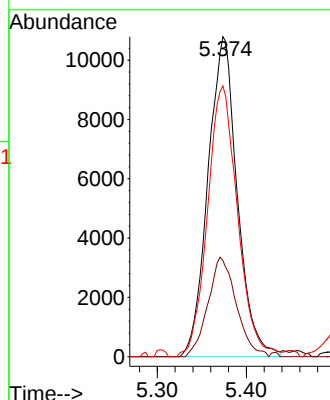
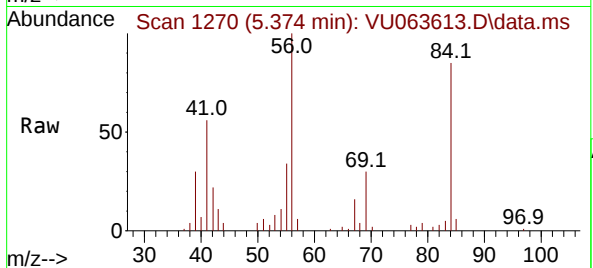
Acq: 22 Sep 2025 10:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	24652
Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.0	36.0
84	86.8	65.7	98.5



#30

1,1,1-Trichloroethane

Concen: 7.977 ug/L

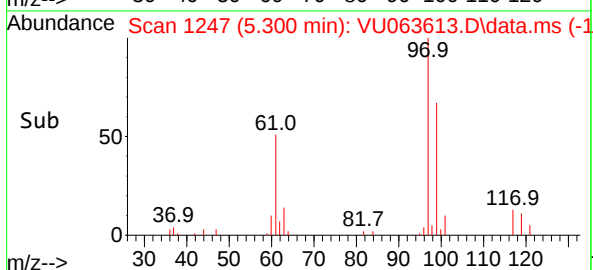
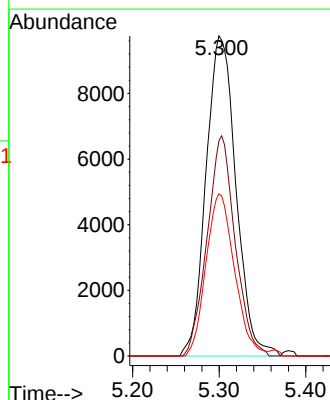
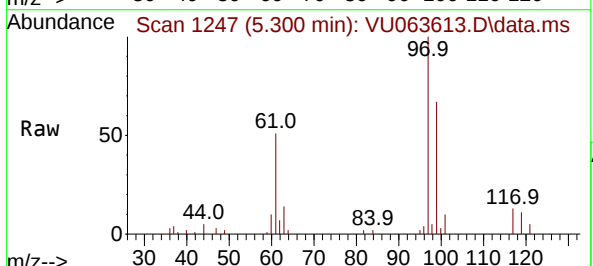
RT: 5.300 min Scan# 1247

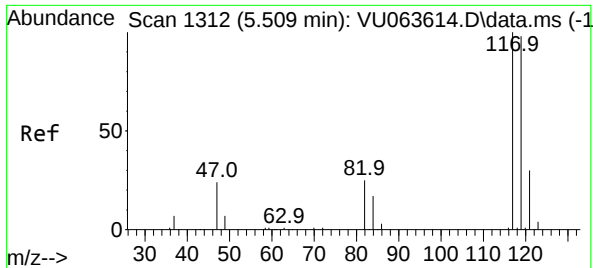
Delta R.T. 0.000 min

Lab File: VU063613.D

Acq: 22 Sep 2025 10:33

Tgt Ion:	97	Resp:	23411
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.6	75.8
61	48.4	38.0	57.0

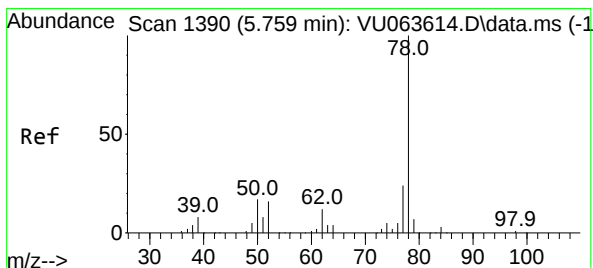
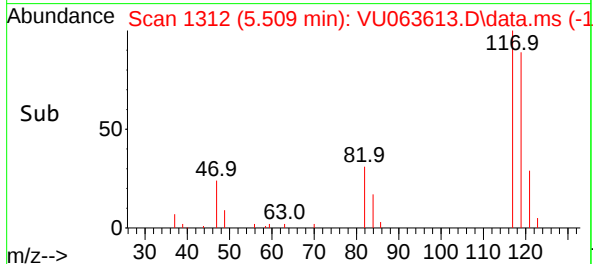
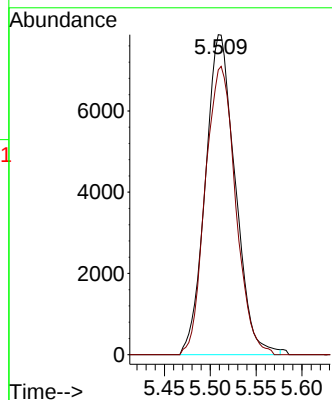
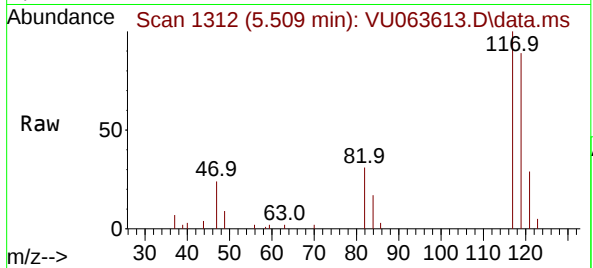




#31
Carbon tetrachloride
Concen: 7.352 ug/L
RT: 5.509 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

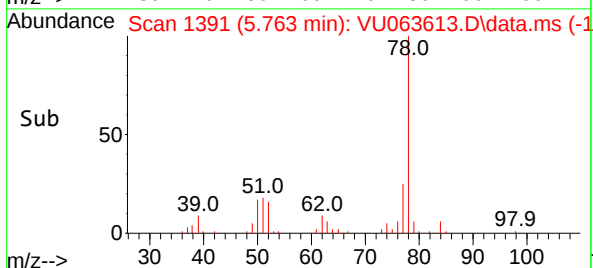
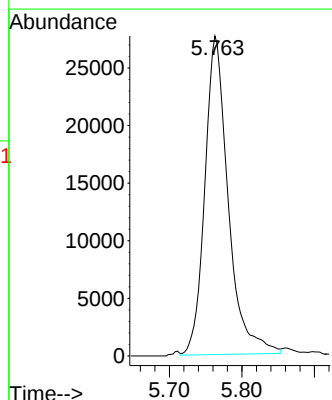
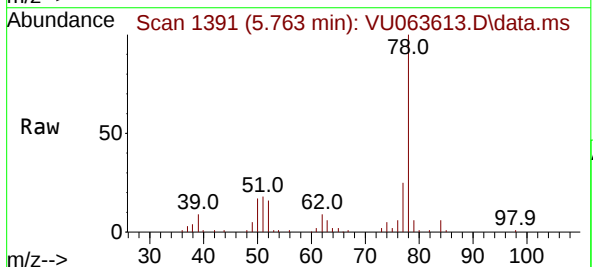
Instrument :
MSVOA_U
ClientSampleId :

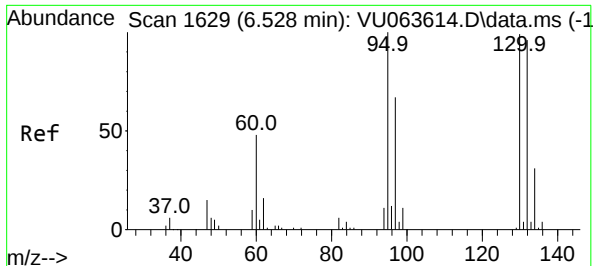
Tgt Ion:117 Resp: 17833
Ion Ratio Lower Upper
117 100
119 91.3 77.8 116.6



#33
Benzene
Concen: 7.797 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion: 78 Resp: 61954

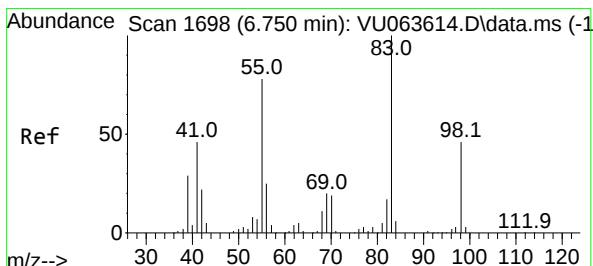
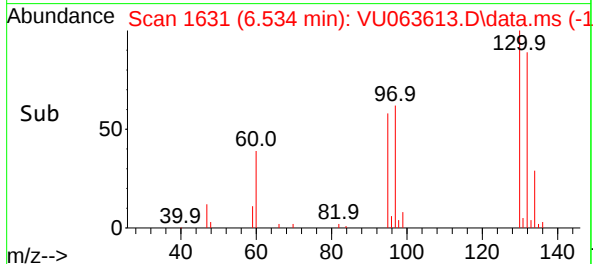
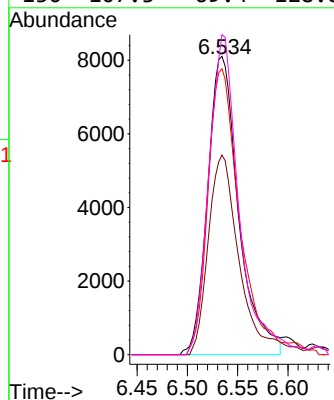
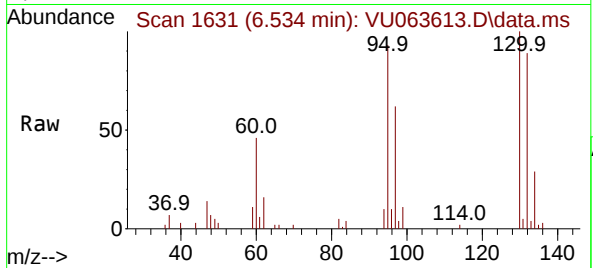




#34
Trichloroethene
Concen: 8.457 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

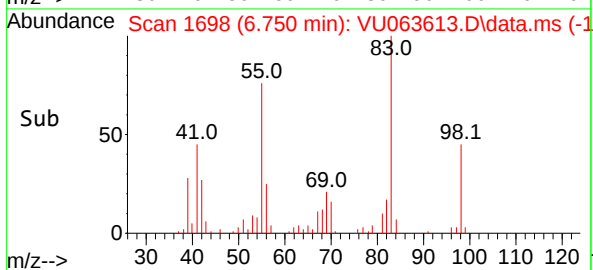
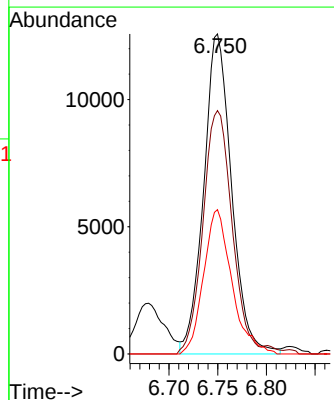
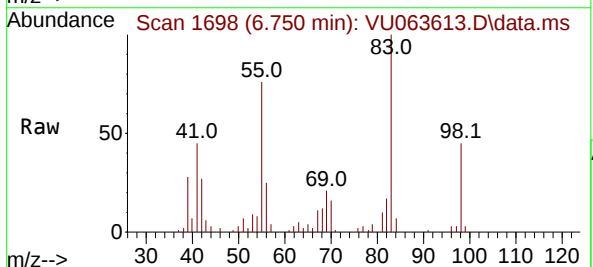
Instrument :
MSVOA_U
ClientSampleId :

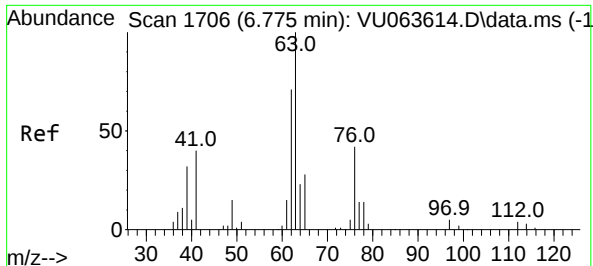
Tgt Ion: 95 Resp: 17401
Ion Ratio Lower Upper
95 100
97 66.9 46.6 86.6
132 95.9 66.8 124.2
130 107.3 69.4 128.8



#35
Methylcyclohexane
Concen: 8.230 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion: 83 Resp: 25115
Ion Ratio Lower Upper
83 100
55 78.8 63.4 95.0
98 45.6 37.3 55.9





#37

1,2-Dichloropropane

Concen: 7.663 ug/L

RT: 6.779 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063613.D

Acq: 22 Sep 2025 10:33

Instrument :

MSVOA_U

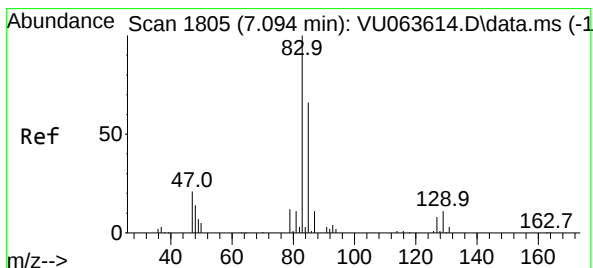
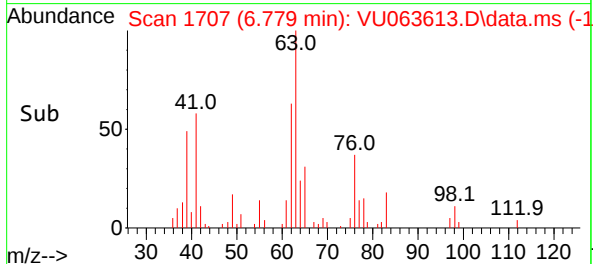
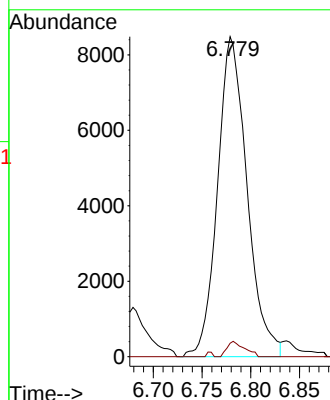
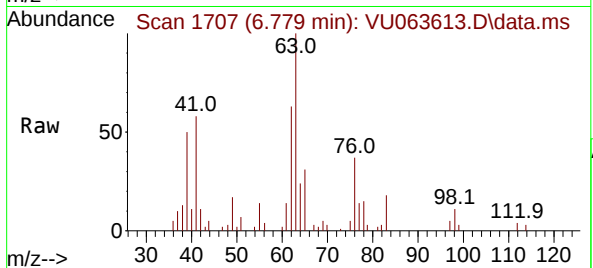
ClientSampleId :

Tgt Ion: 63 Resp: 17856

Ion Ratio Lower Upper

63 100

112 2.8 3.0 4.6#



#38

Bromodichloromethane

Concen: 7.054 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU063613.D

Acq: 22 Sep 2025 10:33

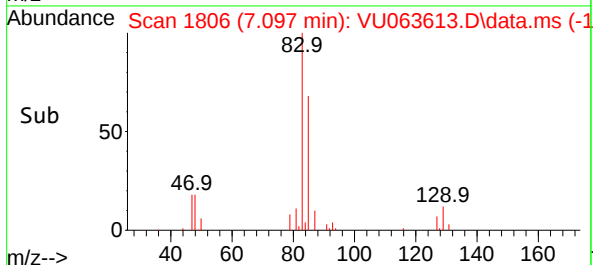
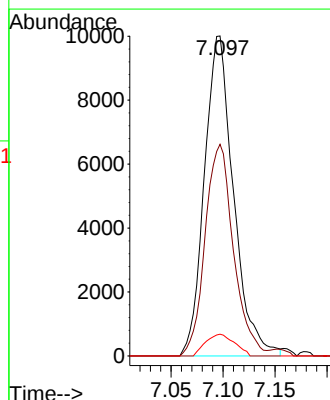
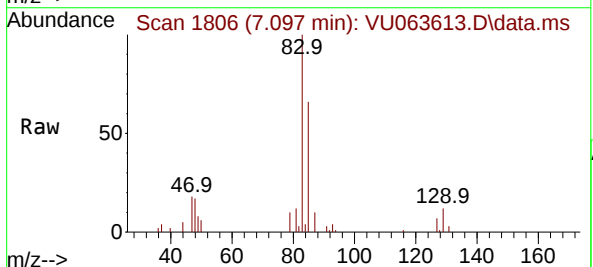
Tgt Ion: 83 Resp: 19509

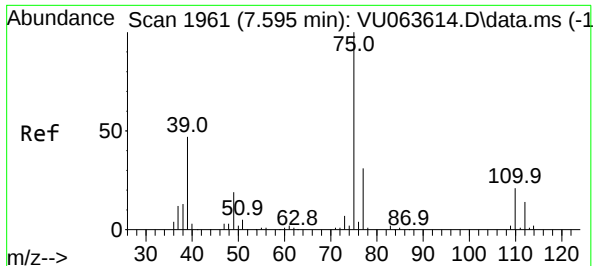
Ion Ratio Lower Upper

83 100

85 66.1 45.9 85.3

127 6.8 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 6.234 ug/L

RT: 7.599 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VU063613.D

Acq: 22 Sep 2025 10:33

Instrument :

MSVOA_U

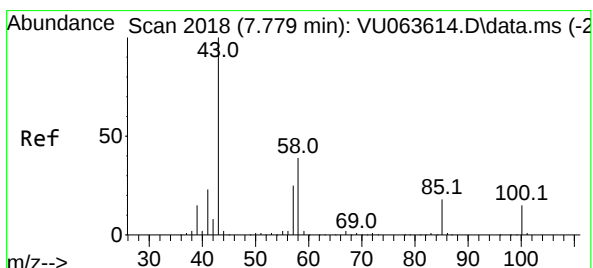
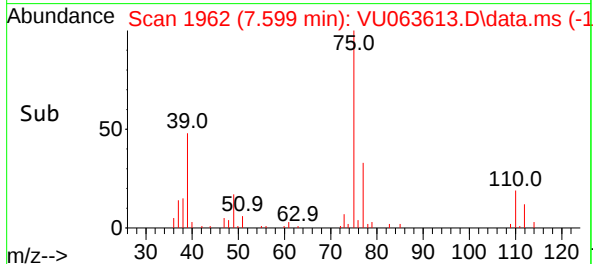
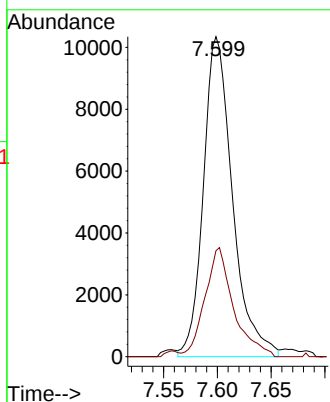
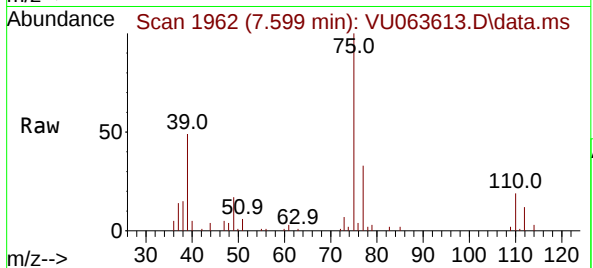
ClientSampleId :

Tgt Ion: 75 Resp: 19487

Ion Ratio Lower Upper

75 100

77 33.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 15.629 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.003 min

Lab File: VU063613.D

Acq: 22 Sep 2025 10:33

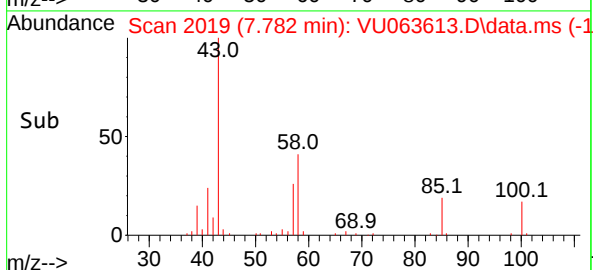
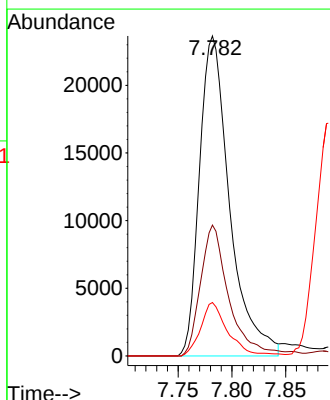
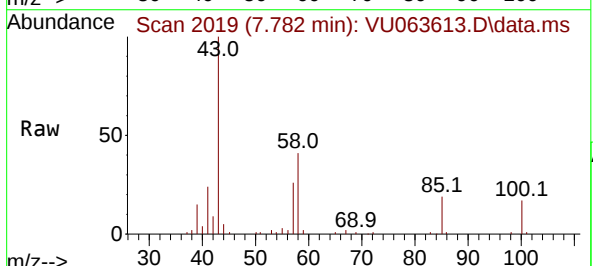
Tgt Ion: 43 Resp: 46139

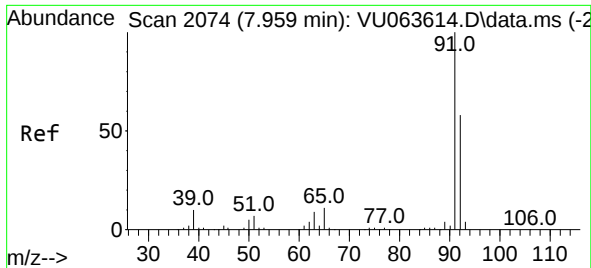
Ion Ratio Lower Upper

43 100

58 38.3 30.9 46.3

100 14.6 11.4 17.2





#42

Toluene

Concen: 8.070 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063613.D

Acq: 22 Sep 2025 10:33

Instrument :

MSVOA_U

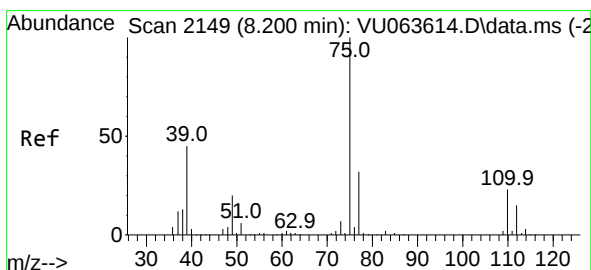
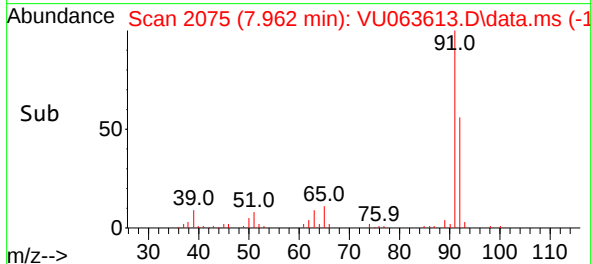
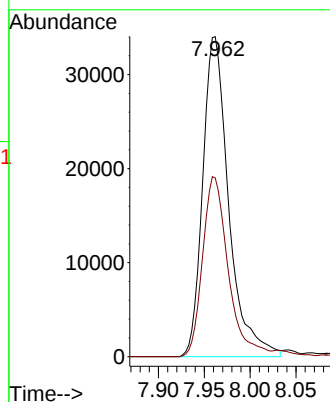
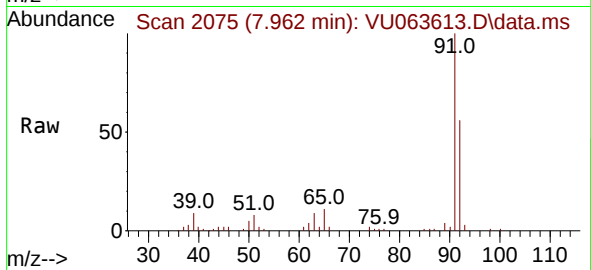
ClientSampleId :

Tgt Ion: 91 Resp: 67100

Ion Ratio Lower Upper

91 100

92 55.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 6.000 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063613.D

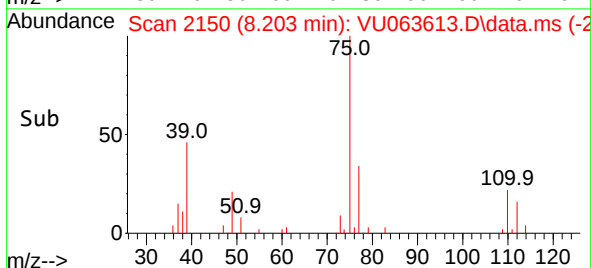
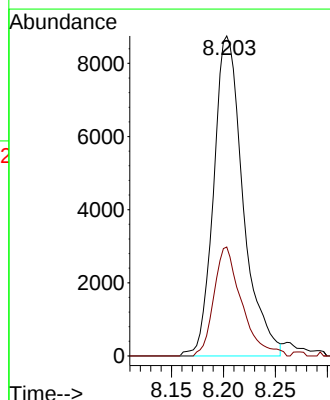
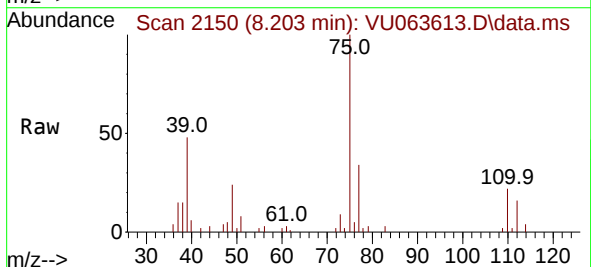
Acq: 22 Sep 2025 10:33

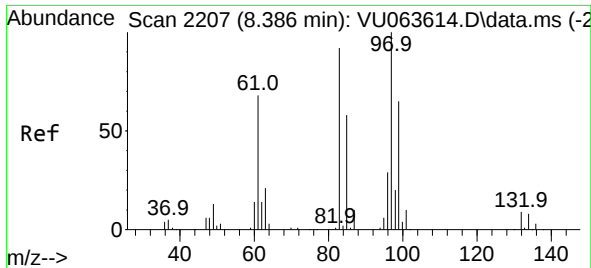
Tgt Ion: 75 Resp: 17253

Ion Ratio Lower Upper

75 100

77 34.1 22.3 41.5

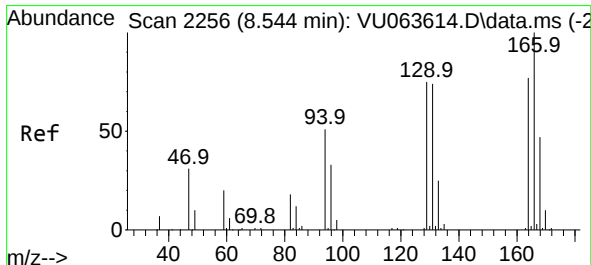
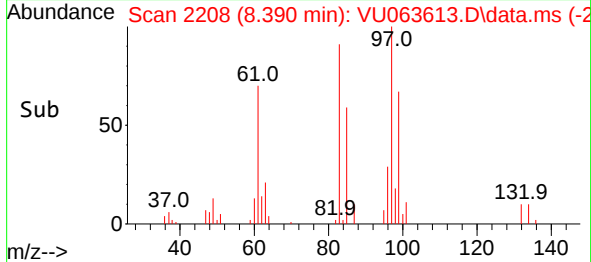
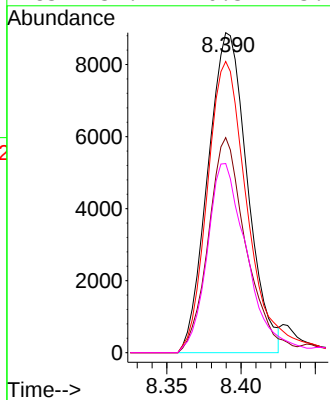
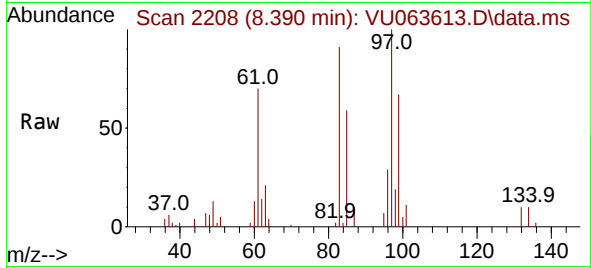




#45
1,1,2-Trichloroethane
Concen: 7.587 ug/L
RT: 8.390 min Scan# 2207
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

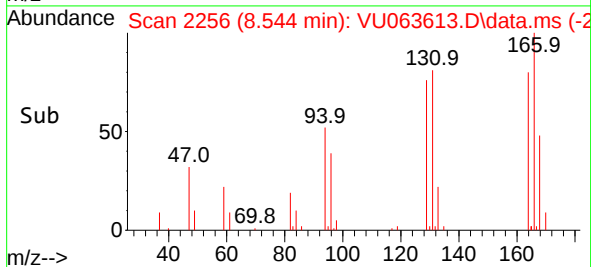
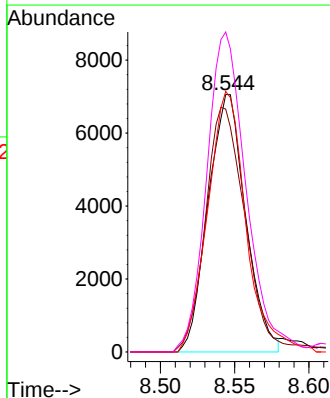
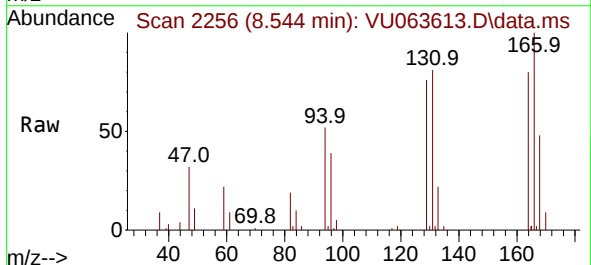
Instrument :
MSVOA_U
ClientSampleId :

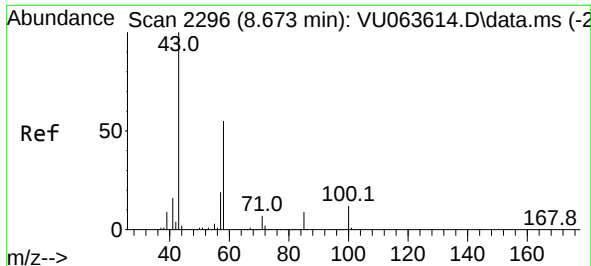
Tgt Ion:	97	Resp:	16429
Ion	Ratio	Lower	Upper
97	100		
99	67.2	45.8	85.0
83	91.0	64.4	119.6
85	59.1	40.5	75.1



#46
Tetrachloroethene
Concen: 8.108 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

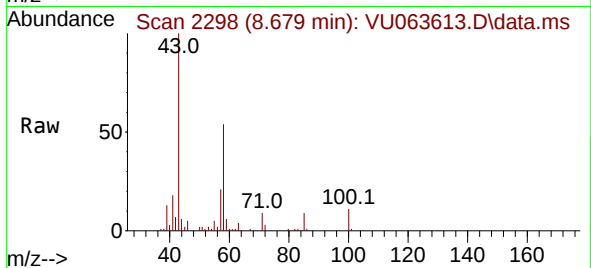
Tgt Ion:	164	Resp:	12418
Ion	Ratio	Lower	Upper
164	100		
129	94.3	67.5	125.3
131	101.2	67.0	124.4
166	126.9	90.5	168.1



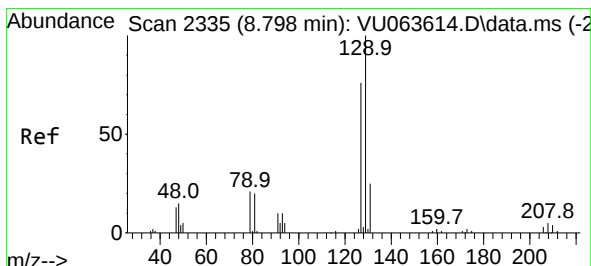
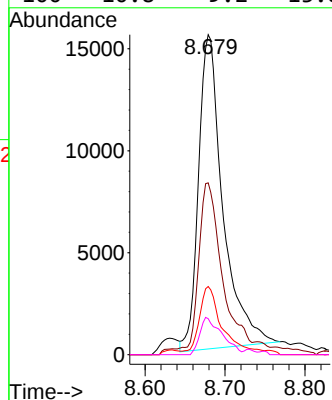
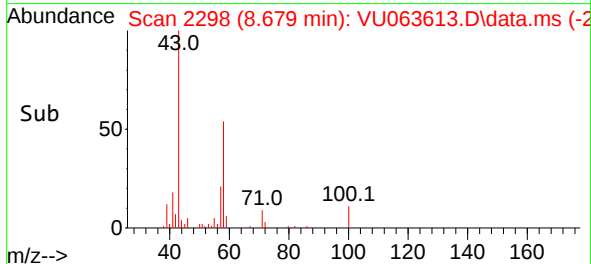


#48
2-Hexanone
Concen: 14.452 ug/L
RT: 8.679 min Scan# 2296
Delta R.T. 0.006 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Instrument :
MSVOA_U
ClientSampleId :

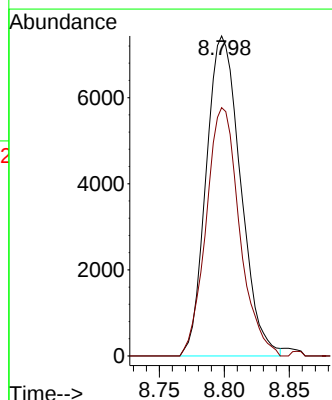
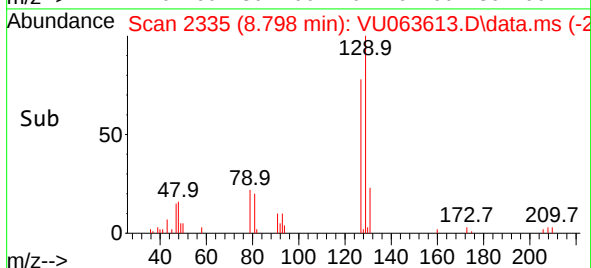
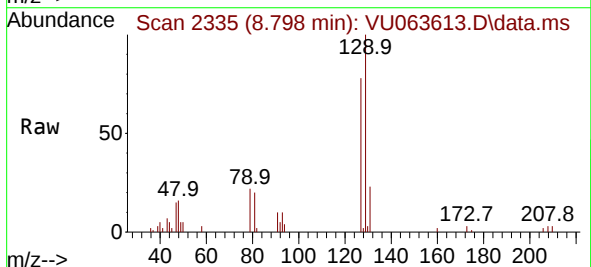


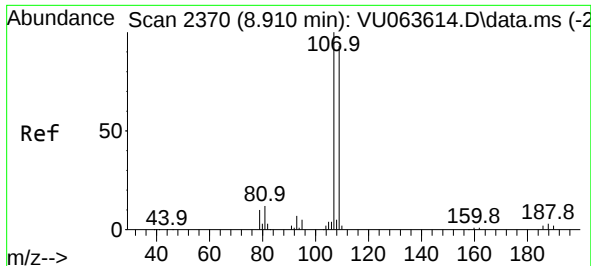
Tgt Ion: 43 Resp: 32761
Ion Ratio Lower Upper
43 100
58 48.9 41.7 62.5
57 18.2 14.7 22.1
100 10.8 9.2 13.8



#49
Dibromochloromethane
Concen: 6.752 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion: 129 Resp: 13694
Ion Ratio Lower Upper
129 100
127 77.6 53.1 98.7





#50

1,2-Dibromoethane

Concen: 7.717 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063613.D

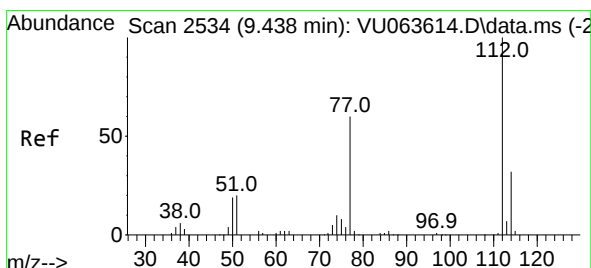
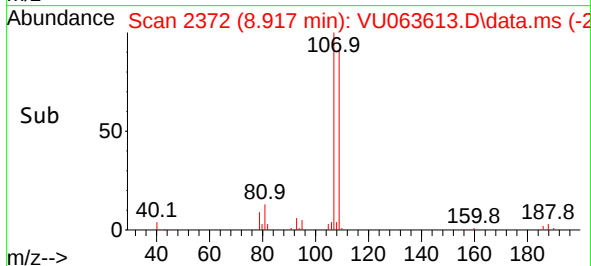
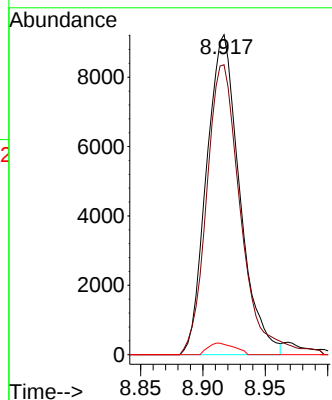
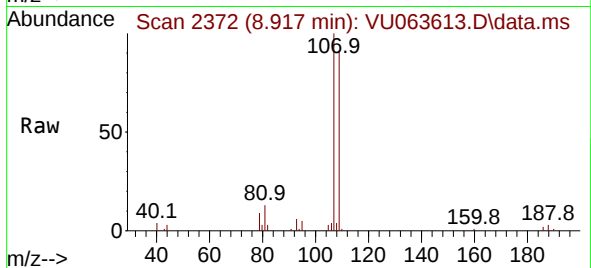
Acq: 22 Sep 2025 10:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	17082
Ion	Ratio	Lower	Upper
107	100		
109	90.6	65.0	120.6
188	3.2	2.6	4.0



#51

Chlorobenzene

Concen: 8.299 ug/L

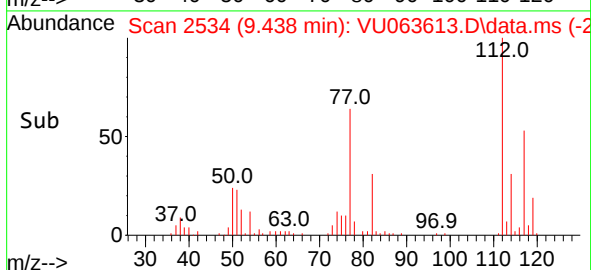
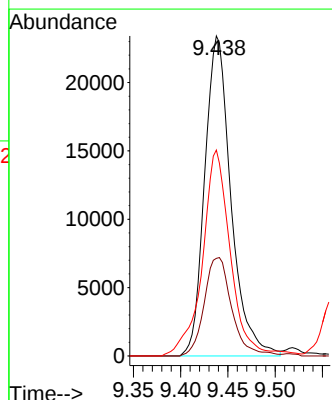
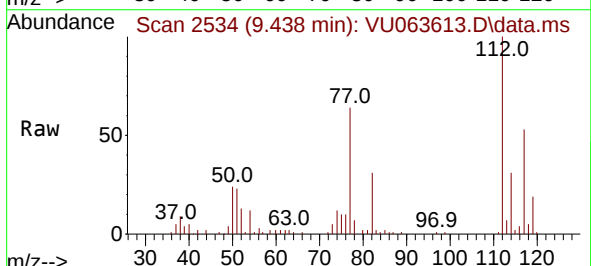
RT: 9.438 min Scan# 2534

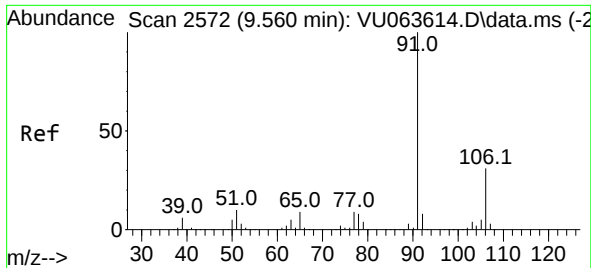
Delta R.T. 0.000 min

Lab File: VU063613.D

Acq: 22 Sep 2025 10:33

Tgt Ion:	112	Resp:	45325
Ion	Ratio	Lower	Upper
112	100		
114	30.5	22.4	41.6
77	64.3	48.2	72.2

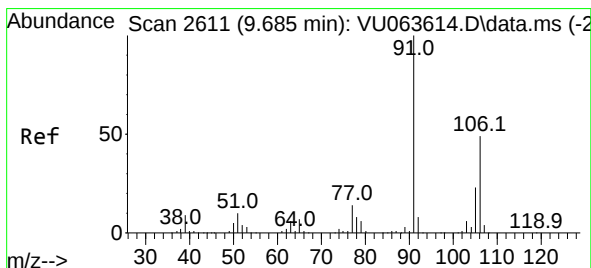
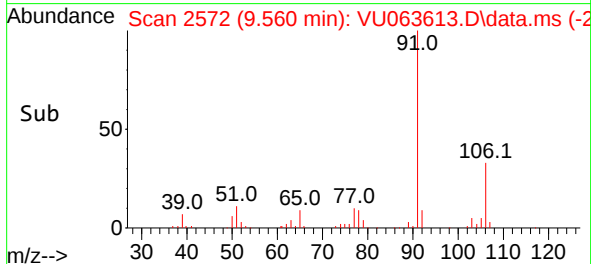
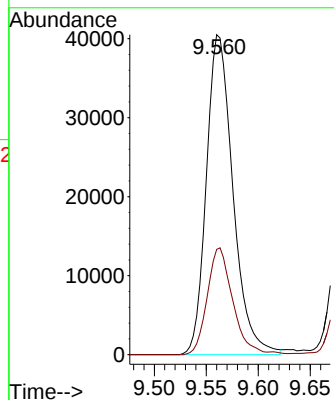
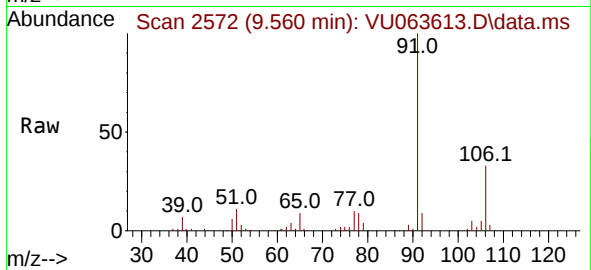




#52
Ethylbenzene
Concen: 8.138 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

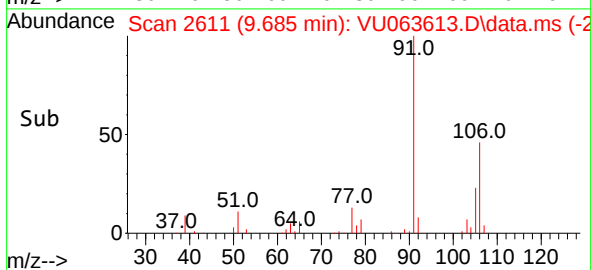
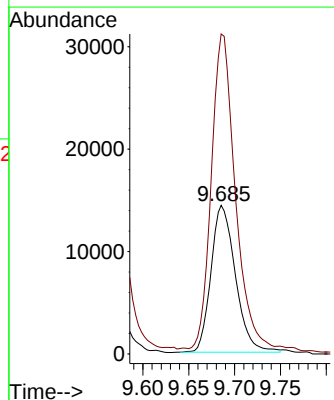
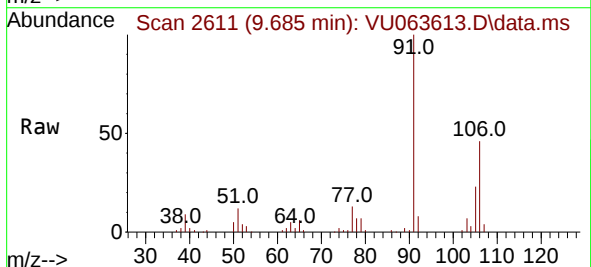
Instrument :
MSVOA_U
ClientSampleId :

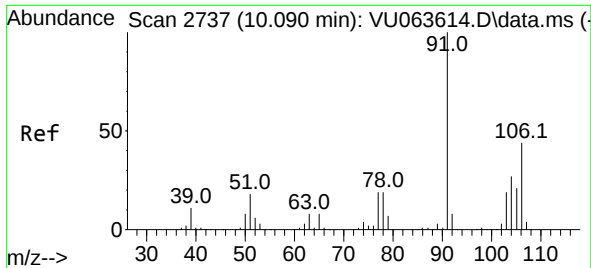
Tgt Ion: 91 Resp: 72104
Ion Ratio Lower Upper
91 100
106 32.9 21.5 39.9



#53
m,p-Xylene
Concen: 8.192 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion:106 Resp: 26612
Ion Ratio Lower Upper
106 100
91 215.3 144.1 267.7

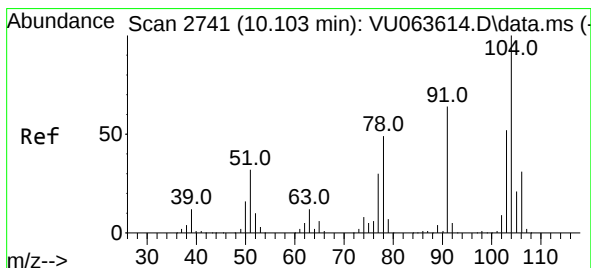
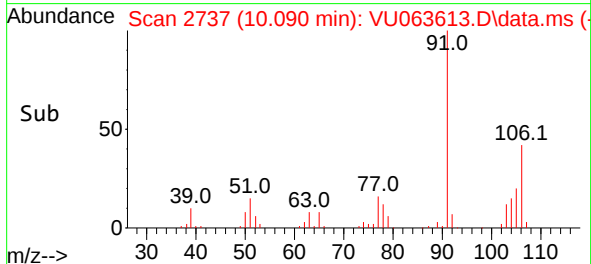
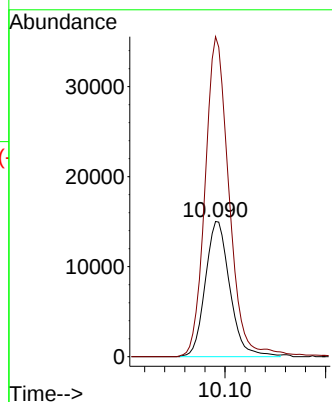
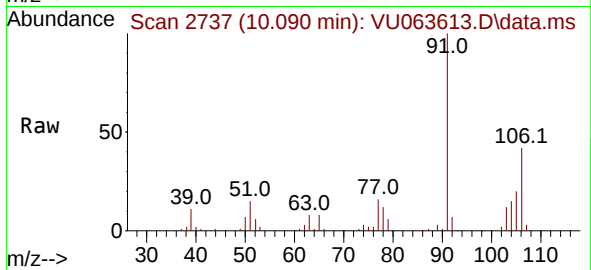




#54
o-Xylene
Concen: 8.119 ug/L
RT: 10.090 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

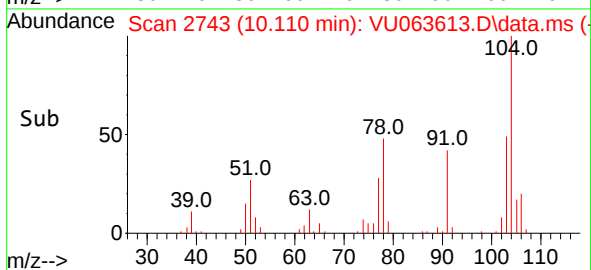
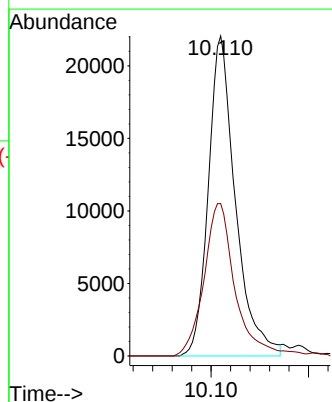
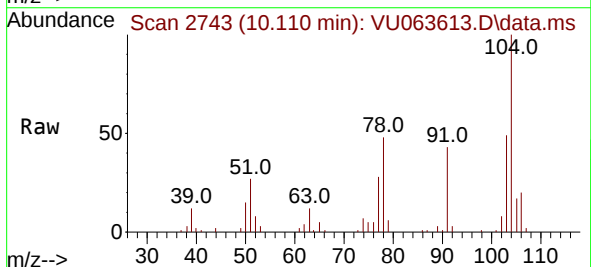
Instrument :
MSVOA_U
ClientSampleId :

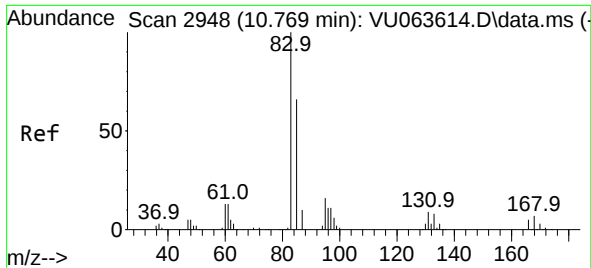
Tgt Ion:106 Resp: 25484
Ion Ratio Lower Upper
106 100
91 236.8 158.5 294.3



#55
Styrene
Concen: 8.017 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.006 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion:104 Resp: 42517
Ion Ratio Lower Upper
104 100
78 47.6 34.5 64.1

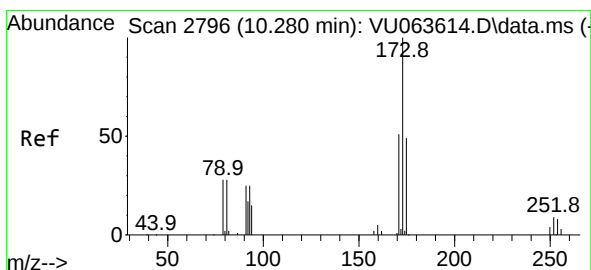
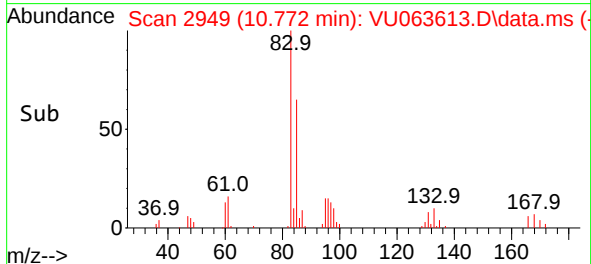
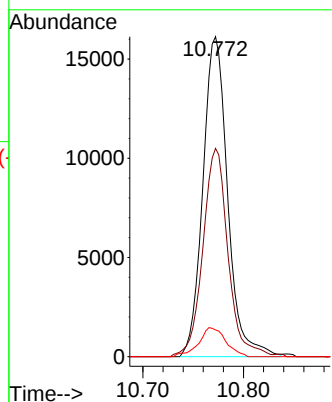
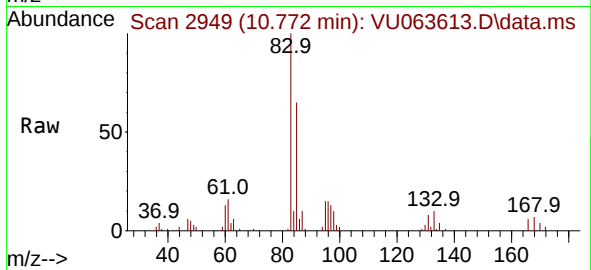




#57
1,1,2,2-Tetrachloroethane
Concen: 7.224 ug/L
RT: 10.772 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

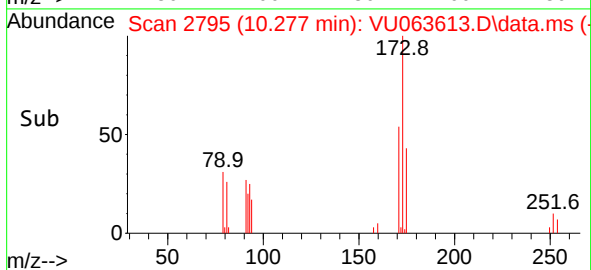
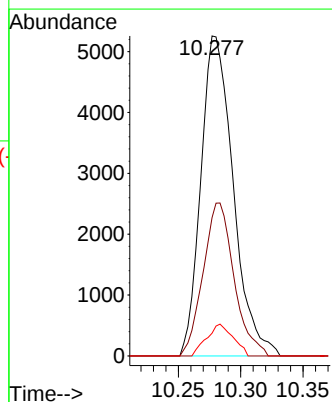
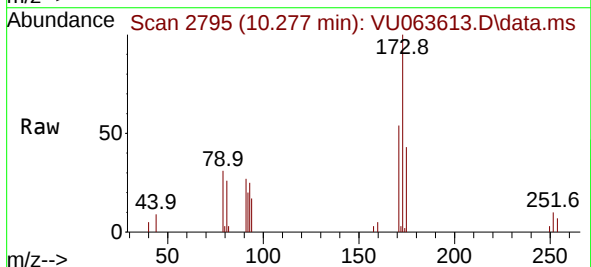
Instrument :
MSVOA_U
ClientSampleId :

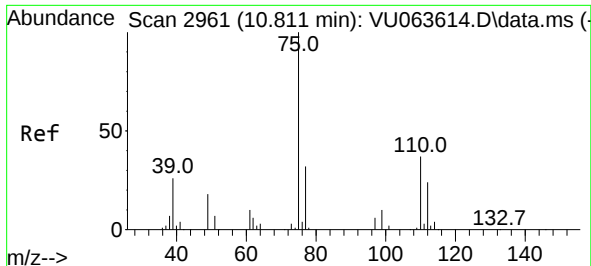
Tgt Ion: 83 Resp: 27633
Ion Ratio Lower Upper
83 100
85 65.1 46.0 85.4
131 8.3 7.4 11.2



#59
Bromoform
Concen: 6.471 ug/L
RT: 10.277 min Scan# 2795
Delta R.T. -0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion: 173 Resp: 9491
Ion Ratio Lower Upper
173 100
175 45.6 39.3 58.9
254 8.1 6.2 9.4

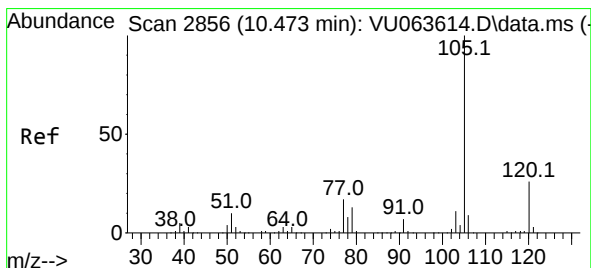
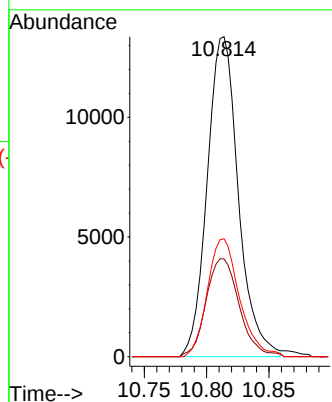
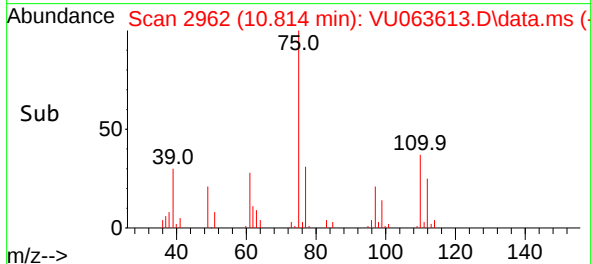
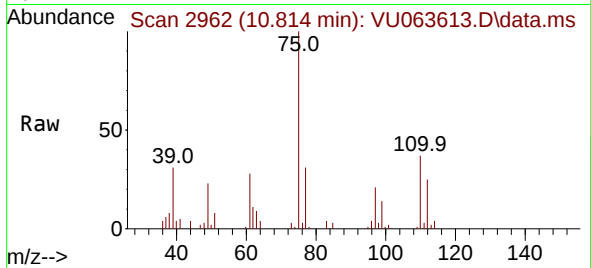




#60
1,2,3-Trichloropropane
Concen: 8.563 ug/L
RT: 10.814 min Scan# 2961
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

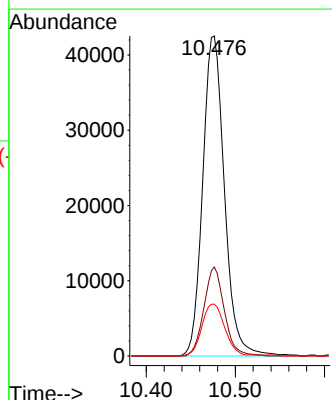
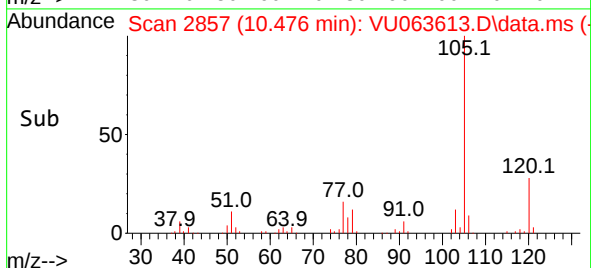
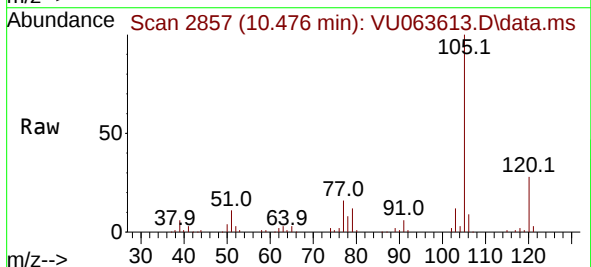
Instrument :
MSVOA_U
ClientSampleId :

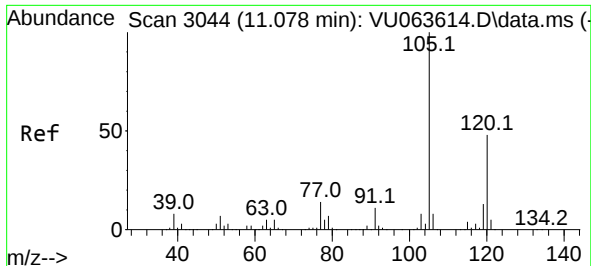
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.7	38.5
110	37.9	29.2	43.8



#61
Isopropylbenzene
Concen: 9.394 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.2	31.8
77	17.1	13.4	20.0

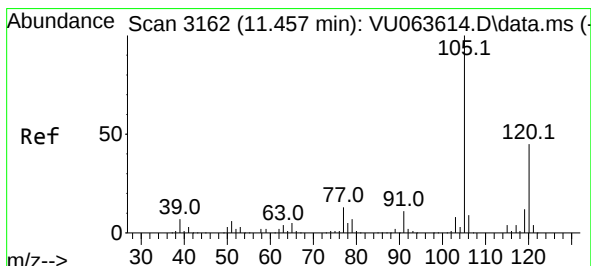
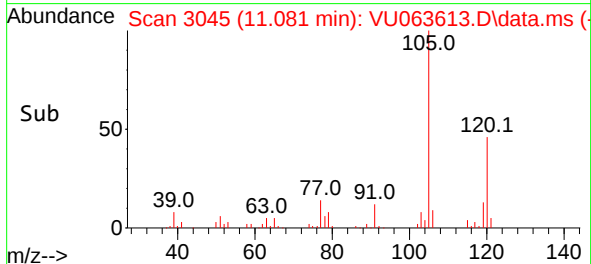
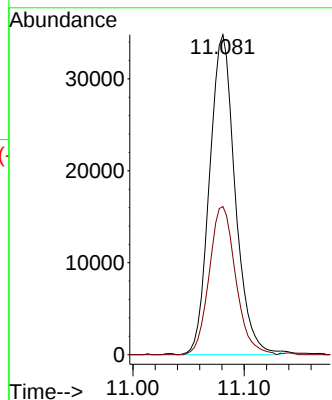
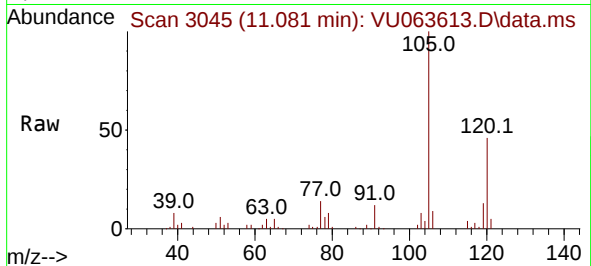




#62
1,3,5-Trimethylbenzene
Concen: 9.238 ug/L
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

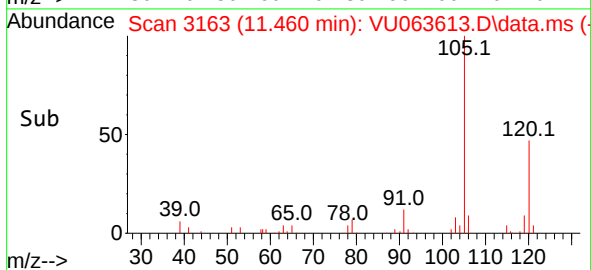
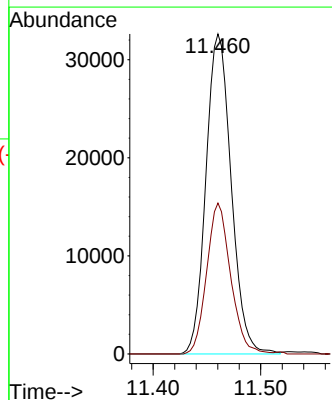
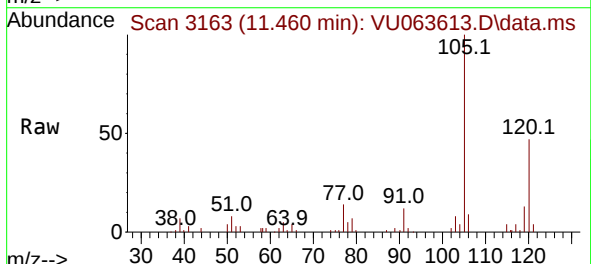
Instrument :
MSVOA_U
ClientSampleId :

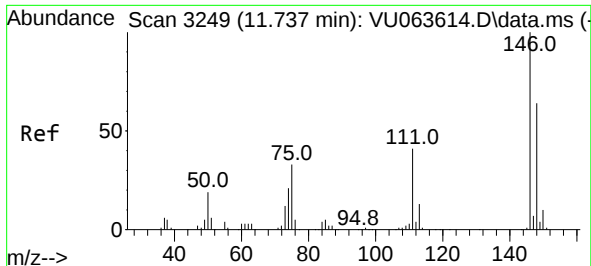
Tgt Ion:105 Resp: 55607
Ion Ratio Lower Upper
105 100
120 47.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 9.303 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

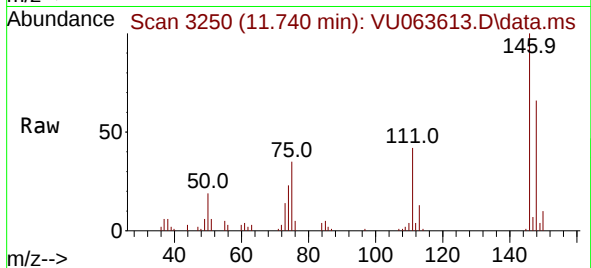
Tgt Ion:105 Resp: 53195
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4



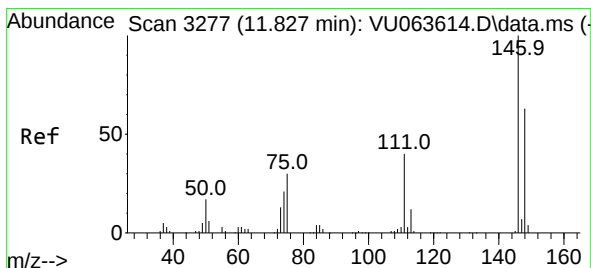
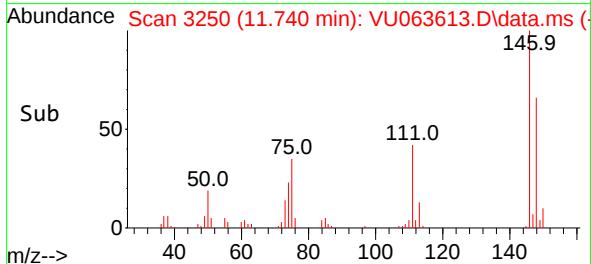
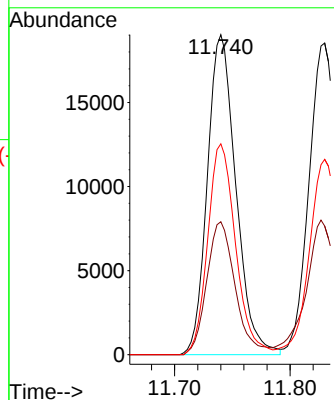


#64
1,3-Dichlorobenzene
Concen: 8.715 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Instrument :
MSVOA_U
ClientSampleId :

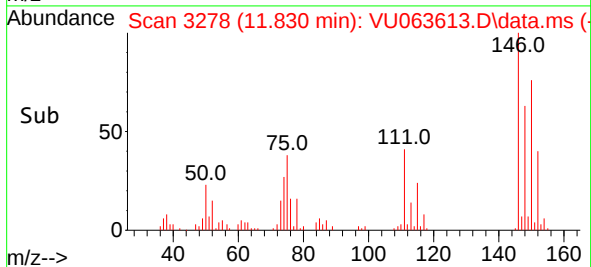
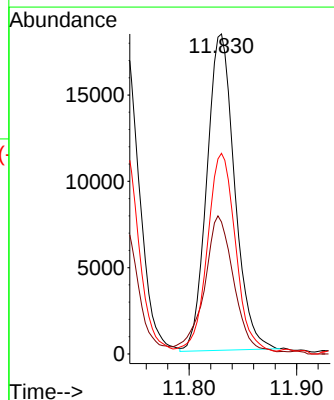
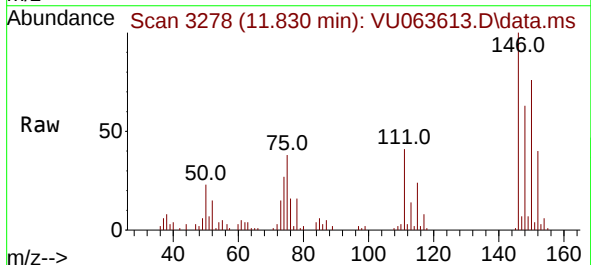


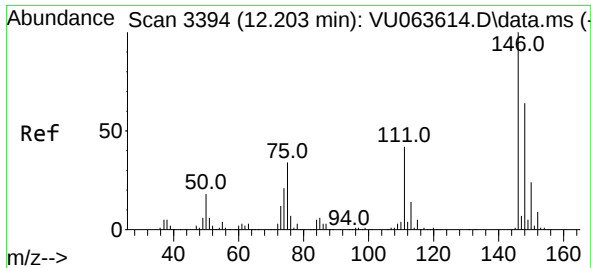
Tgt Ion:146 Resp: 32682
Ion Ratio Lower Upper
146 100
111 41.6 28.6 53.0
148 65.9 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 8.560 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

Tgt Ion:146 Resp: 32902
Ion Ratio Lower Upper
146 100
111 41.3 27.9 51.9
148 62.7 44.0 81.8

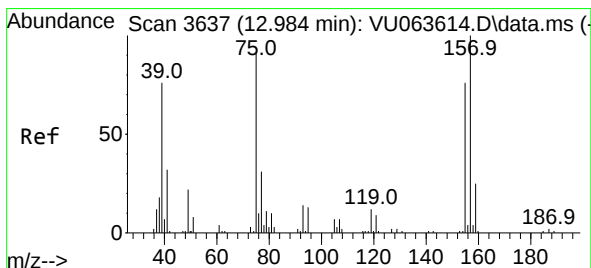
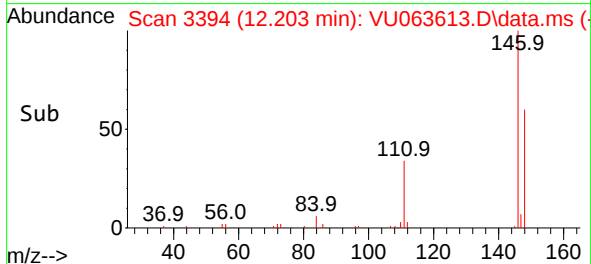
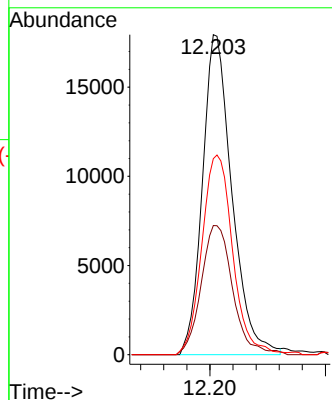
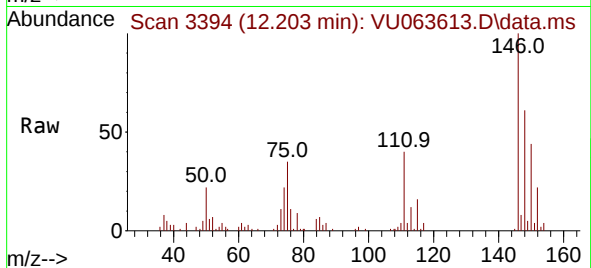




#67
1,2-Dichlorobenzene
Concen: 8.380 ug/L
RT: 12.203 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

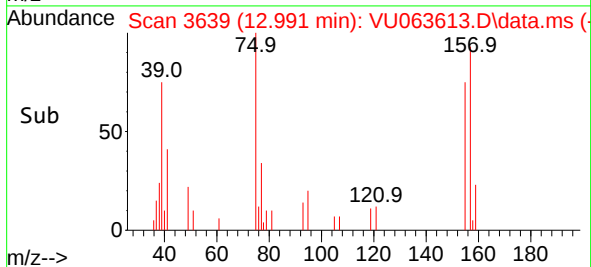
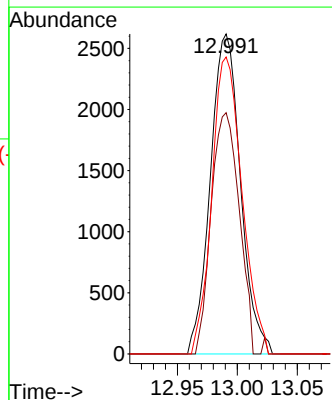
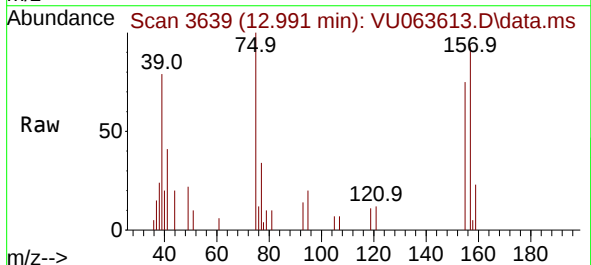
Instrument :
MSVOA_U
ClientSampleId :

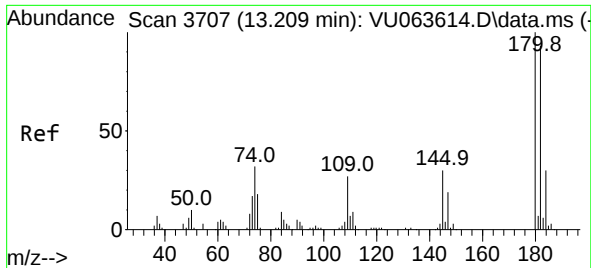
Tgt Ion:146 Resp: 31755
Ion Ratio Lower Upper
146 100
111 40.3 33.6 50.4
148 61.3 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 6.346 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.006 min
Lab File: VU063613.D
Acq: 22 Sep 2025 10:33

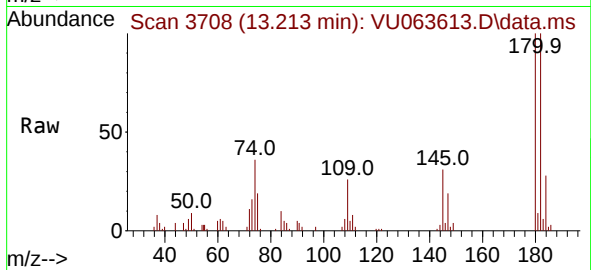
Tgt Ion: 75 Resp: 4573
Ion Ratio Lower Upper
75 100
155 75.4 66.6 99.8
157 97.5 87.6 131.4



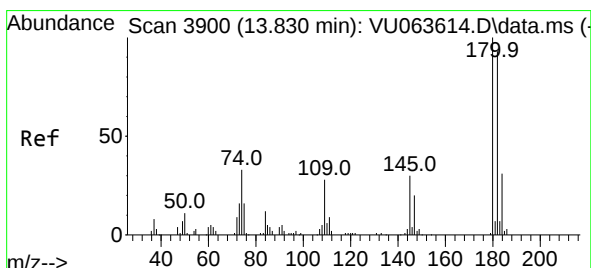
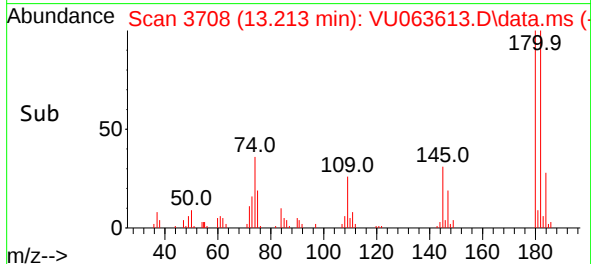
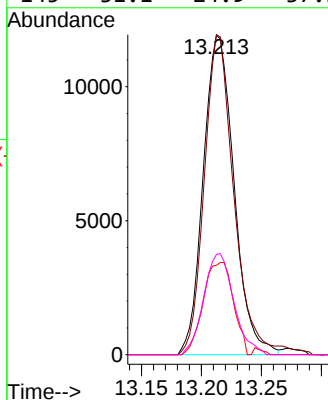


#69
 1,3,5-Trichlorobenzene
 Concen: 8.296 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063613.D
 Acq: 22 Sep 2025 10:33

Instrument :
 MSVOA_U
 ClientSampleId :

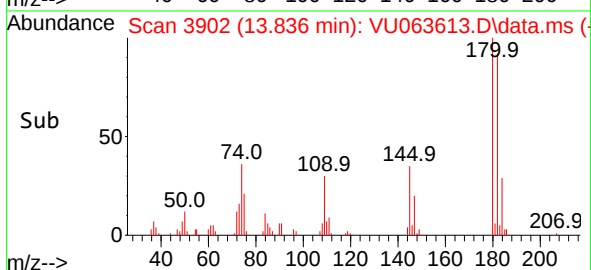
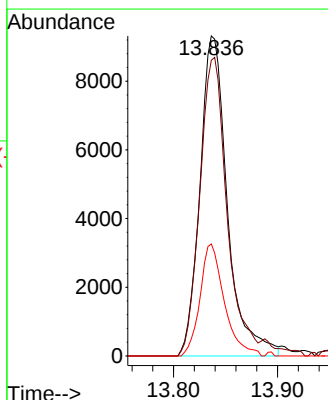
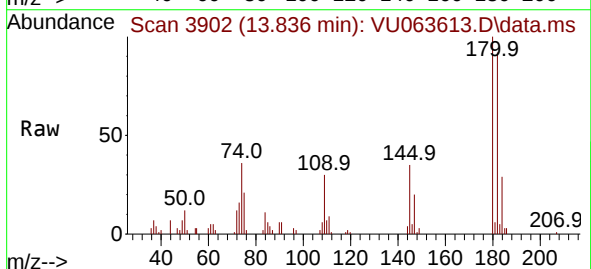


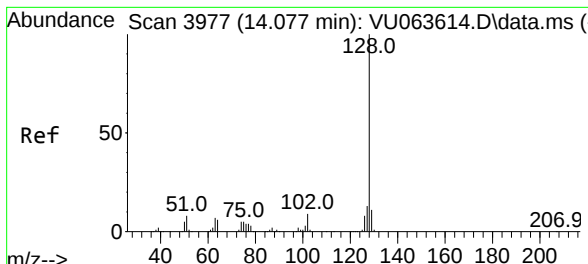
Tgt Ion:180 Resp: 21260
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 184 28.2 24.4 36.6
 145 31.1 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 8.559 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.006 min
 Lab File: VU063613.D
 Acq: 22 Sep 2025 10:33

Tgt Ion:180 Resp: 17115
 Ion Ratio Lower Upper
 180 100
 182 91.7 75.4 113.0
 145 30.9 24.6 37.0

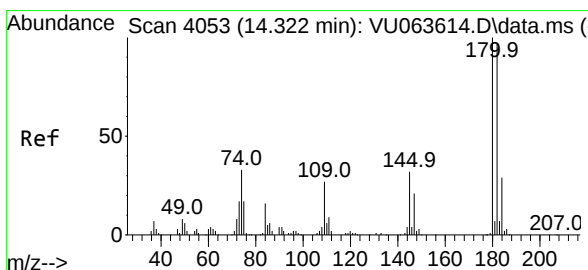
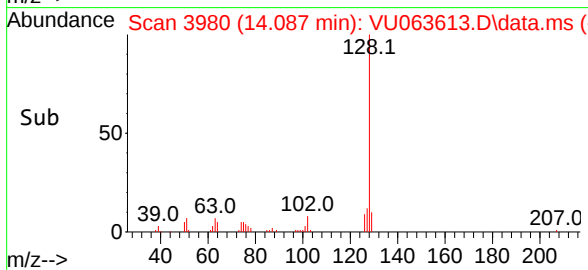
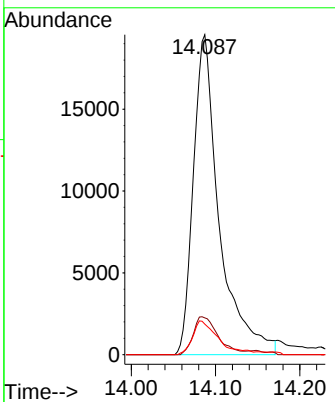
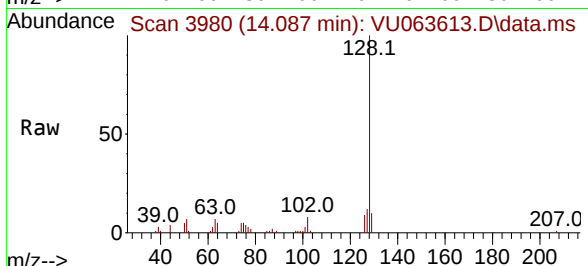




#71
 Naphthalene
 Concen: 7.751 ug/L
 RT: 14.087 min Scan# 3977
 Delta R.T. 0.010 min
 Lab File: VU063613.D
 Acq: 22 Sep 2025 10:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	128	Resp:	41811
Ion Ratio	Lower	Upper	
128	100		
127	11.3	10.2	15.4
129	10.1	8.6	13.0



#72
 1,2,3-Trichlorobenzene
 Concen: 8.202 ug/L
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.003 min
 Lab File: VU063613.D
 Acq: 22 Sep 2025 10:33

Tgt Ion:	180	Resp:	15954
Ion Ratio	Lower	Upper	
180	100		
182	96.7	77.4	116.2
145	32.1	25.9	38.9

