

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040325\
 Data File : VU063331.D
 Acq On : 03 Apr 2025 16:00
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010015

Quant Time: Apr 04 09:12:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 04 09:10:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	198448	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	193258	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	96687	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	130994	9.55	ug/L	0.00
7) Chloroethane-d5	1.898	69	127171	9.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	60418	9.73	ug/L	0.00
20) 2-Butanone-d5	4.605	46	405444	103.84	ug/L	0.00
24) Chloroform-d	5.049	84	294307	9.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	147363	9.80	ug/L	0.00
32) Benzene-d6	5.714	84	592448	10.30	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	189197	10.10	ug/L	0.00
41) Toluene-d8	7.888	98	530048	10.63	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	58375	10.51	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	328041	115.47	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	159098	9.96	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	173918	10.10	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	194144	9.54	ug/L	100
3) Chloromethane	1.518	50	217298	9.46	ug/L	99
5) Vinyl chloride	1.599	62	217051	9.43	ug/L	99
6) Bromomethane	1.837	94	118525	9.73	ug/L	98
8) Chloroethane	1.917	64	122730	9.36	ug/L	98
9) Trichlorofluoromethane	2.126	101	230381	9.49	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	138654	9.46	ug/L	100
12) 1,1-Dichloroethene	2.567	96	135570	9.66	ug/L	96
13) Acetone	2.612	43	243294	92.42	ug/L	99
14) Carbon disulfide	2.779	76	475127	9.48	ug/L	99
15) Methyl Acetate	2.939	43	66904	9.61	ug/L	100
16) Methylene chloride	3.030	84	161424	9.06	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	354260	9.92	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	146603	9.77	ug/L	99
19) 1,1-Dichloroethane	3.853	63	295538	9.61	ug/L	98
21) 2-Butanone	4.685	43	438055	105.53	ug/L	100
22) cis-1,2-Dichloroethene	4.650	96	166473	9.92	ug/L	98
23) Bromochloromethane	4.959	128	72901	9.40	ug/L	98
25) Chloroform	5.071	83	291949	9.51	ug/L	100
27) 1,2-Dichloroethane	5.779	62	191359	9.77	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	233140	9.84	ug/L	99
30) Cyclohexane	5.373	56	270924	10.63	ug/L	100
31) Carbon tetrachloride	5.512	117	199549	9.83	ug/L	99
33) Benzene	5.759	78	660294	10.07	ug/L	100
34) Trichloroethene	6.531	95	162815	9.82	ug/L	97
35) Methylcyclohexane	6.753	83	258392	10.70	ug/L	100
37) 1,2-Dichloropropane	6.779	63	181259	9.98	ug/L	100
38) Bromodichloromethane	7.094	83	209769	9.73	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	248556	10.36	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	1076936	107.43	ug/L	99
42) Toluene	7.959	91	709362	10.45	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	210997	10.38	ug/L	97

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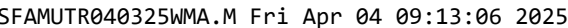
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010015

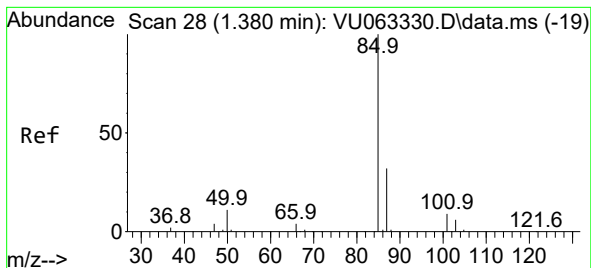
Quant Time: Apr 04 09:12:59 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	125749	9.89	ug/L	99
47) Tetrachloroethene	8.544	164	118617	10.00	ug/L	99
48) 2-Hexanone	8.672	43	773673	109.67	ug/L	98
49) Dibromochloromethane	8.798	129	135753	9.99	ug/L	99
50) 1,2-Dibromoethane	8.914	107	119665	10.16	ug/L	96
51) Chlorobenzene	9.438	112	420011	9.98	ug/L	98
52) Ethylbenzene	9.560	91	744865	10.76	ug/L	99
53) m,p-Xylene	9.685	106	282206	11.17	ug/L	98
54) o-Xylene	10.090	106	270296	11.15	ug/L	96
55) Styrene	10.103	104	467983	11.60	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	165869	9.97	ug/L	100
59) Bromoform	10.280	173	81428	9.43	ug/L	100
60) Isopropylbenzene	10.473	105	718158	10.64	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	113758	9.41	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	571269	10.86	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	574160	11.71	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	322784	10.02	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	322454	10.05	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	302509	9.86	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	24207	9.57	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	220993	10.13	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	168167	10.97	ug/L	99
71) Naphthalene	14.081	128	270521	12.03	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	154211	11.26	ug/L	99

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

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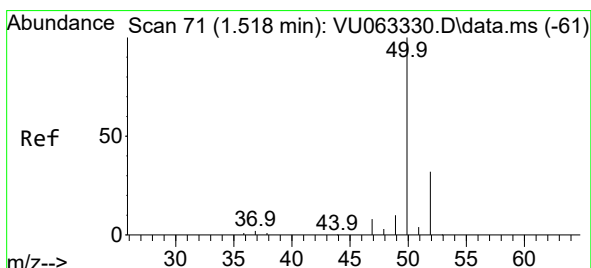
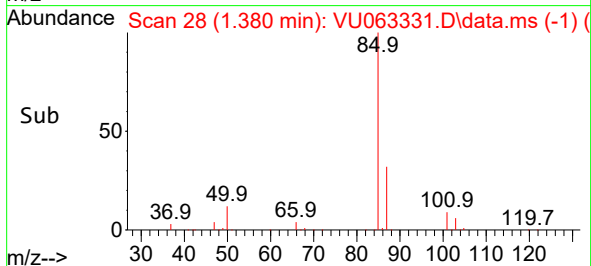
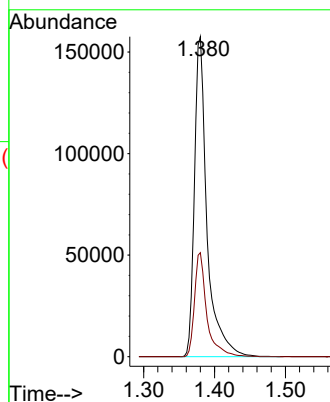
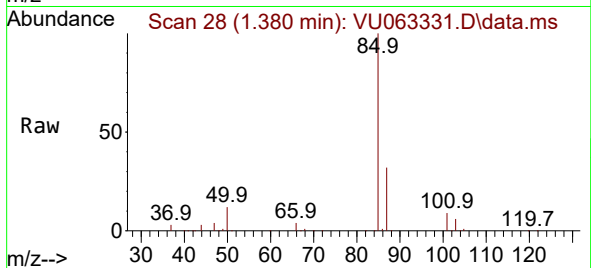




#2
 Dichlorodifluoromethane
 Concen: 9.54 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU063331.D
 Acq: 03 Apr 2025 16:00

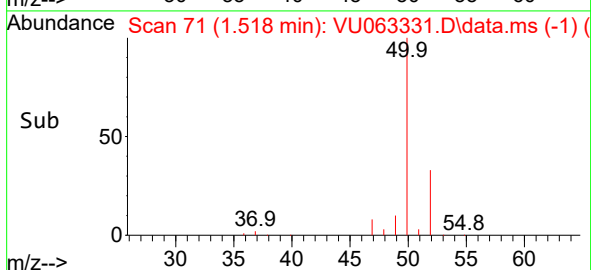
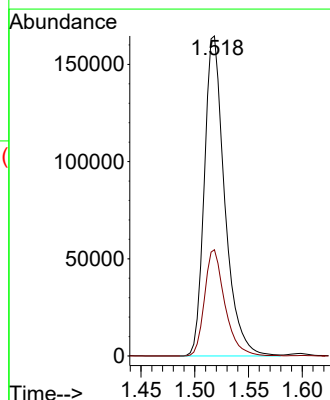
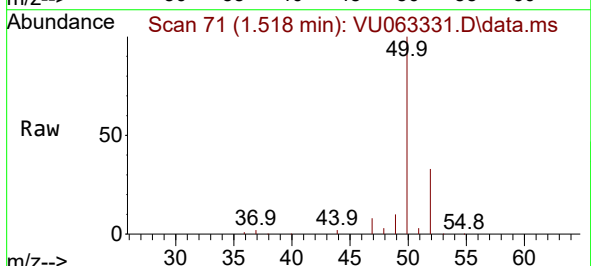
Instrument :
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 ClientSampleId :
 VSTD010015

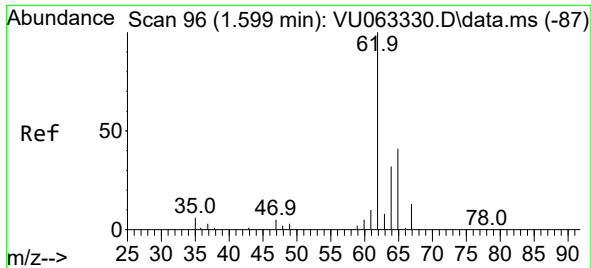
Tgt Ion: 85 Resp: 194144
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.3 37.9



#3
 Chloromethane
 Concen: 9.46 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU063331.D
 Acq: 03 Apr 2025 16:00

Tgt Ion: 50 Resp: 217298
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.1

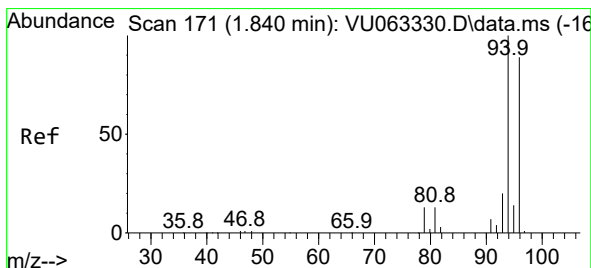
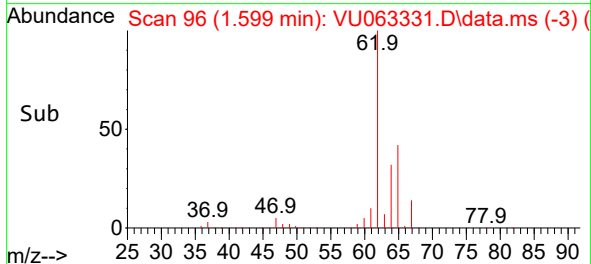
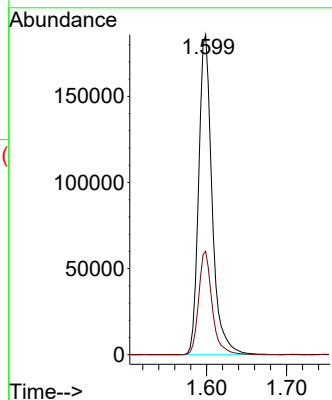
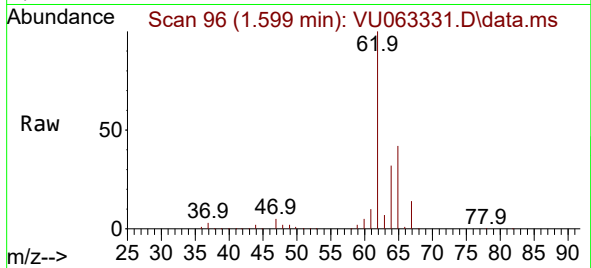




#5
 Vinyl chloride
 Concen: 9.43 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU063331.D
 Acq: 03 Apr 2025 16:00

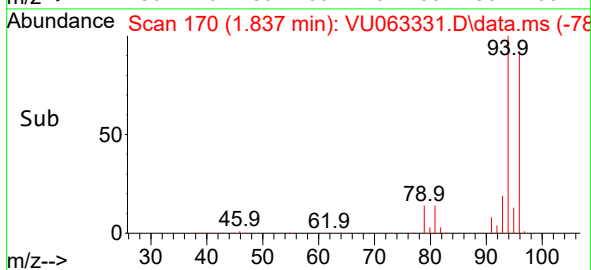
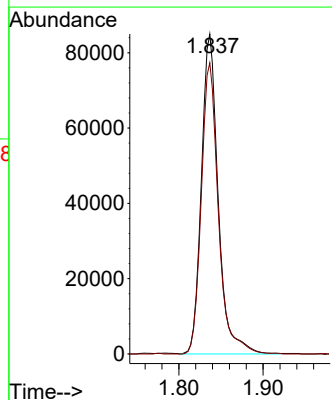
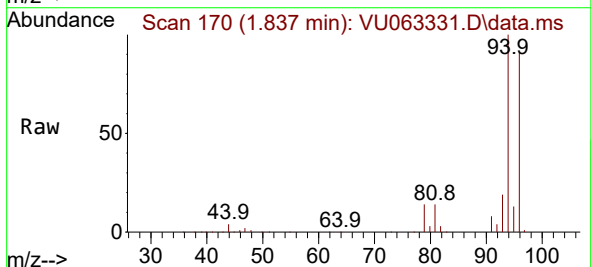
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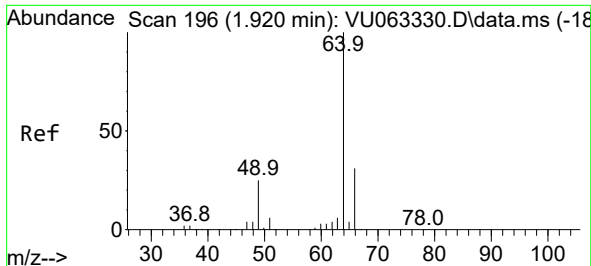
Tgt Ion: 62 Resp: 217051
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.1 41.1



#6
 Bromomethane
 Concen: 9.73 ug/L
 RT: 1.837 min Scan# 170
 Delta R.T. -0.003 min
 Lab File: VU063331.D
 Acq: 03 Apr 2025 16:00

Tgt Ion: 94 Resp: 118525
 Ion Ratio Lower Upper
 94 100
 96 91.0 62.1 115.3

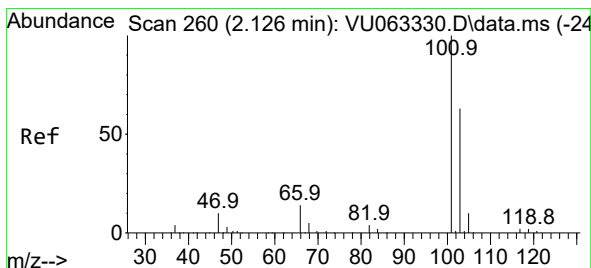
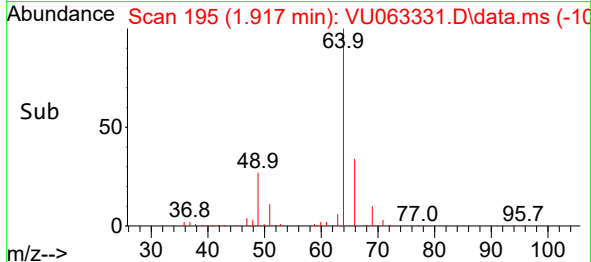
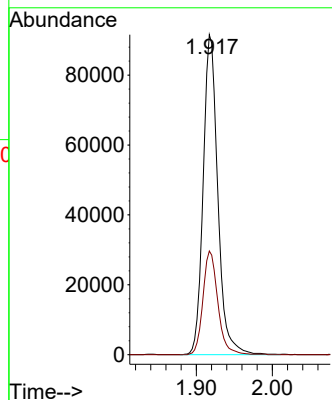
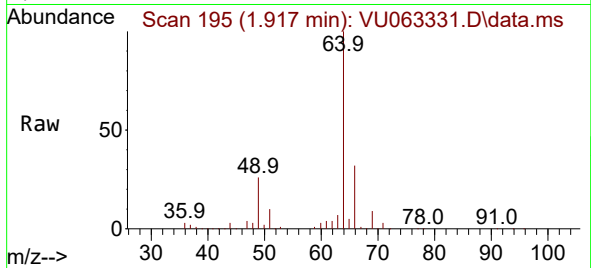




#8
Chloroethane
Concen: 9.36 ug/L
RT: 1.917 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

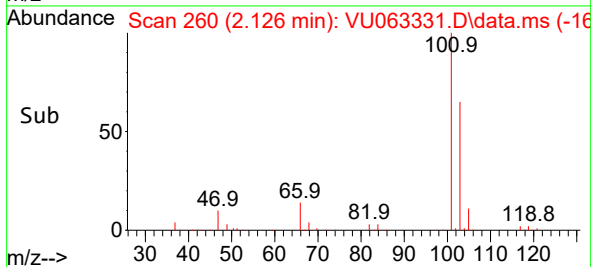
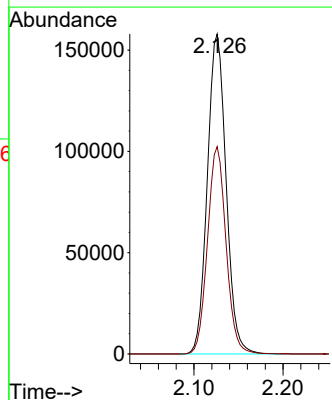
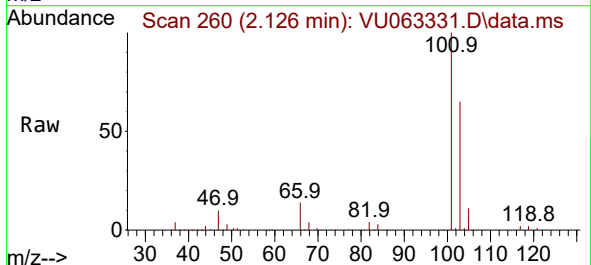
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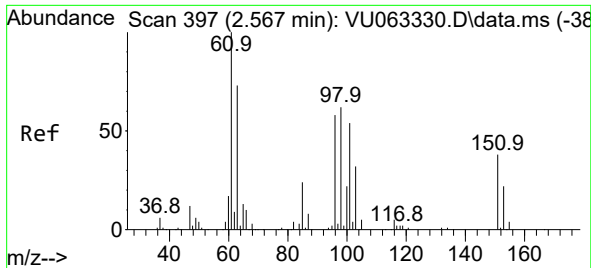
Tgt Ion: 64 Resp: 122730
Ion Ratio Lower Upper
64 100
66 32.4 21.9 40.7



#9
Trichlorofluoromethane
Concen: 9.49 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion:101 Resp: 230381
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3

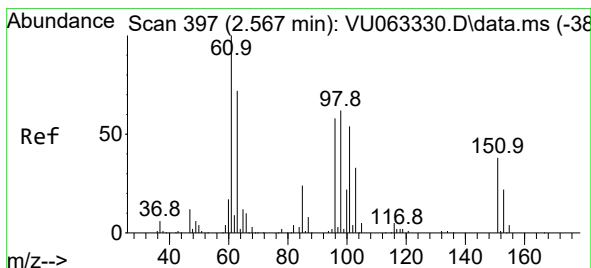
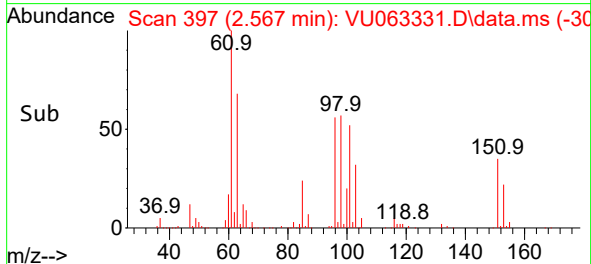
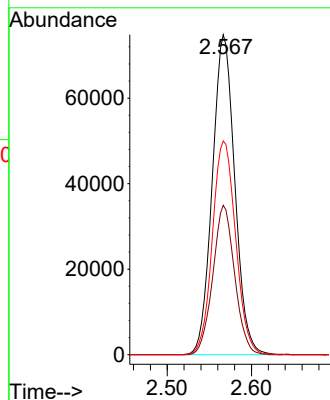
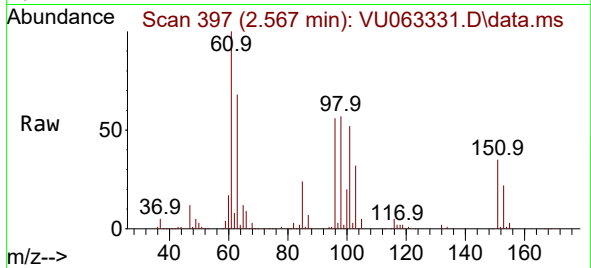




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.46 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063331.D
 Acq: 03 Apr 2025 16:00

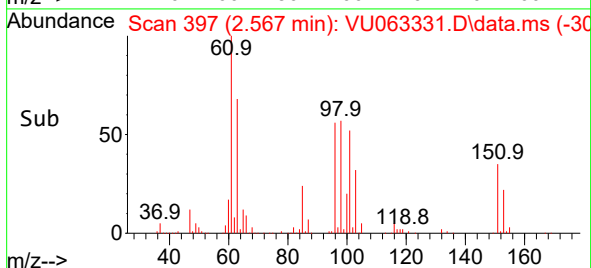
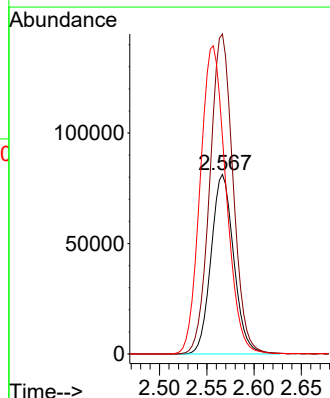
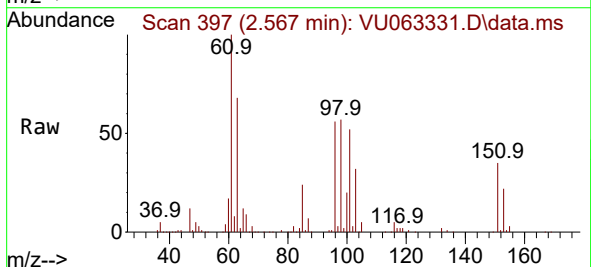
Instrument :
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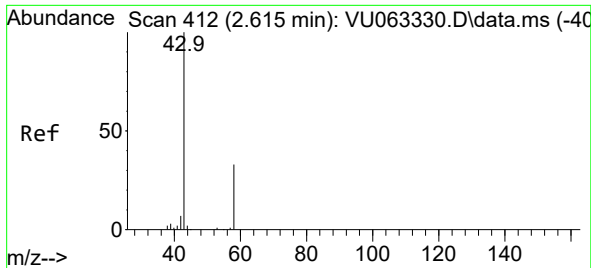
Tgt Ion:101 Resp: 138654
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.7 53.5
 151 69.1 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 9.66 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063331.D
 Acq: 03 Apr 2025 16:00

Tgt Ion: 96 Resp: 135570
 Ion Ratio Lower Upper
 96 100
 61 178.3 121.2 225.0
 63 120.9 88.9 165.1





#13

Acetone

Concen: 92.42 ug/L

RT: 2.612 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_U

ClientSampleId :

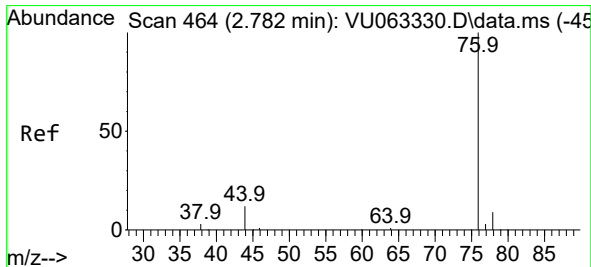
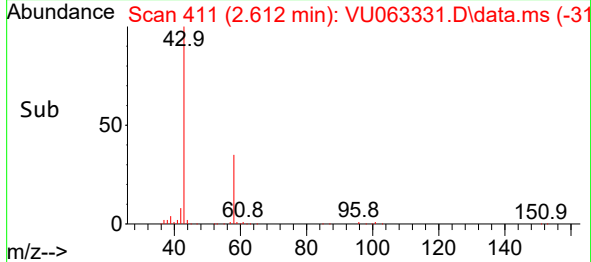
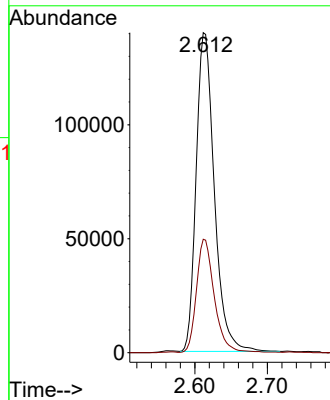
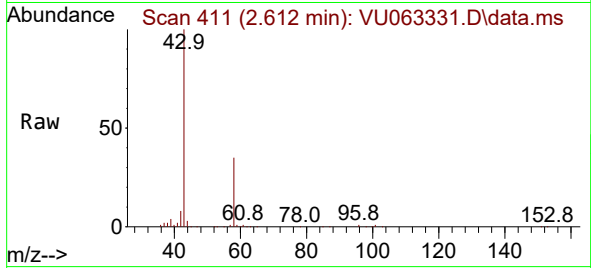
VSTD010015

Tgt Ion: 43 Resp: 243294

Ion Ratio Lower Upper

43 100

58 34.7 0.0 68.8



#14

Carbon disulfide

Concen: 9.48 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063331.D

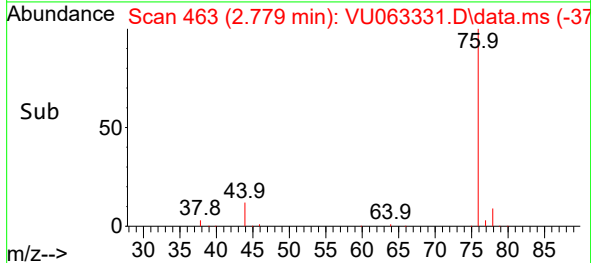
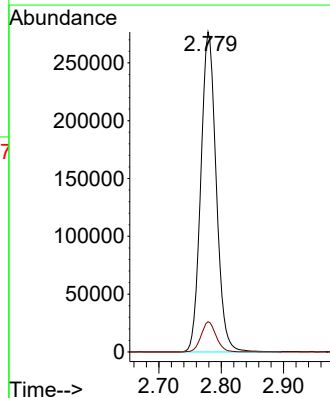
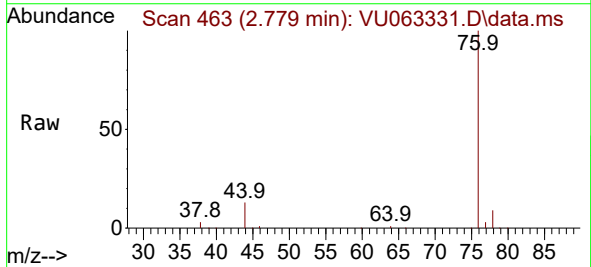
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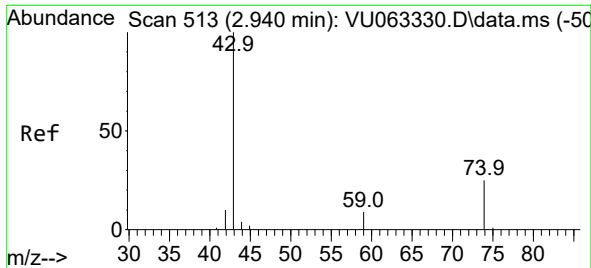
Tgt Ion: 76 Resp: 475127

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

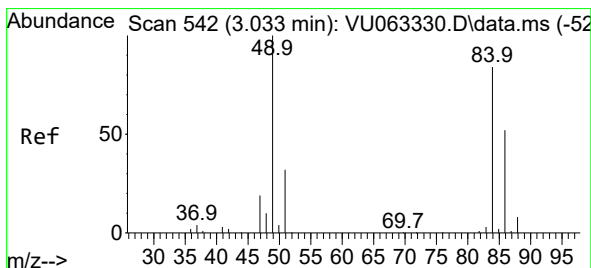
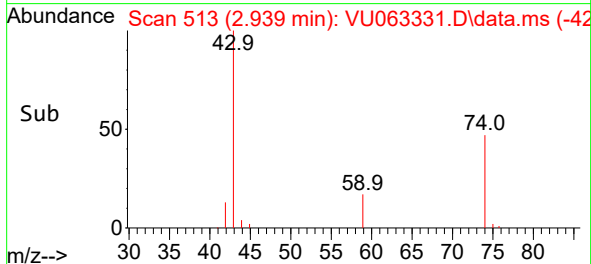
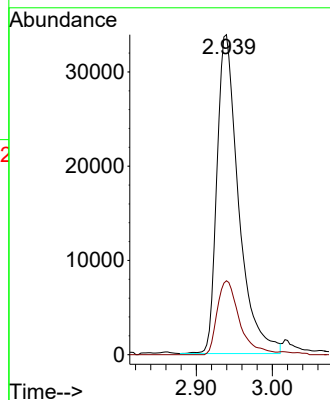
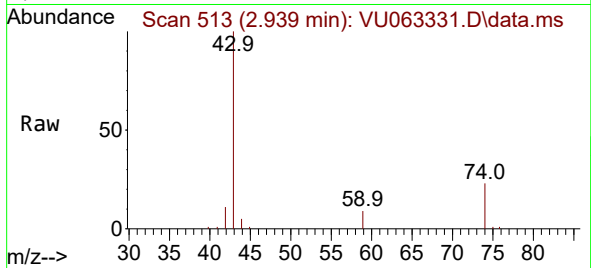




#15
Methyl Acetate
Concen: 9.61 ug/L
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

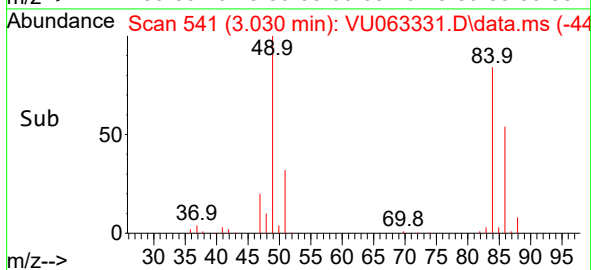
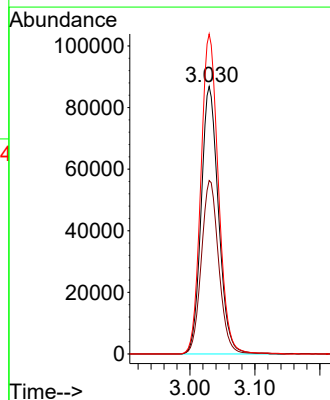
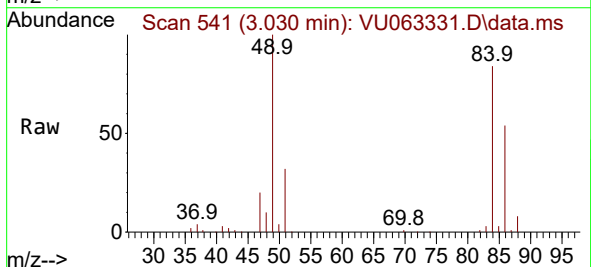
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

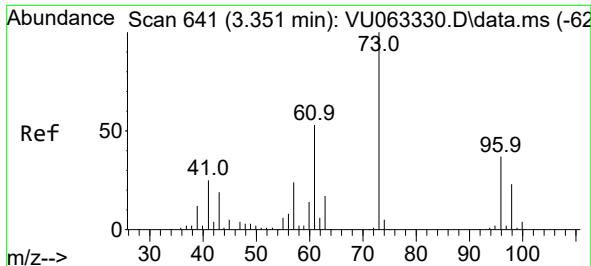
Tgt Ion: 43 Resp: 66904
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8



#16
Methylene chloride
Concen: 9.06 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 84 Resp: 161424
Ion Ratio Lower Upper
84 100
86 64.8 43.3 80.5
49 119.6 83.4 154.8

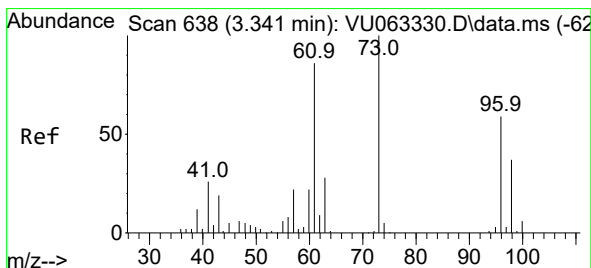
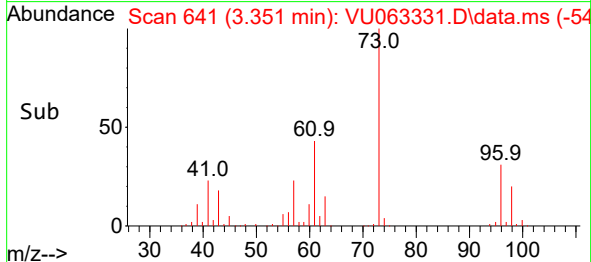
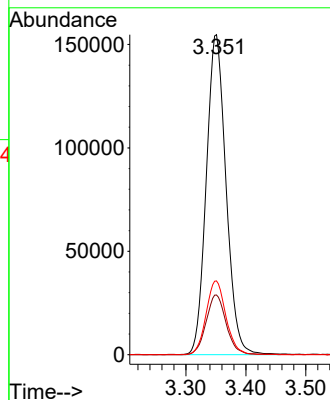
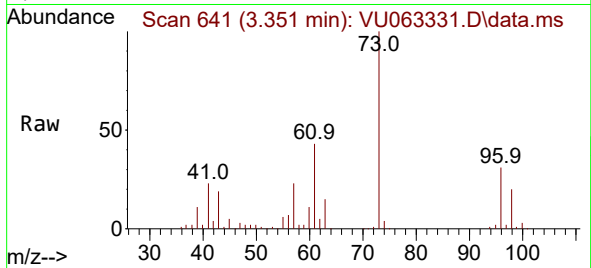




#17
Methyl tert-butyl Ether
Concen: 9.92 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

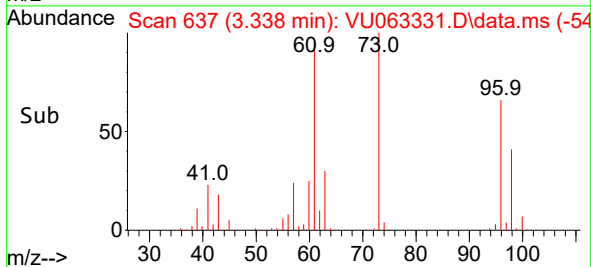
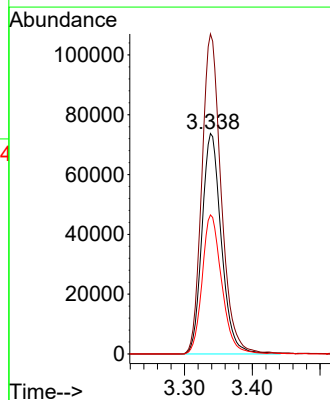
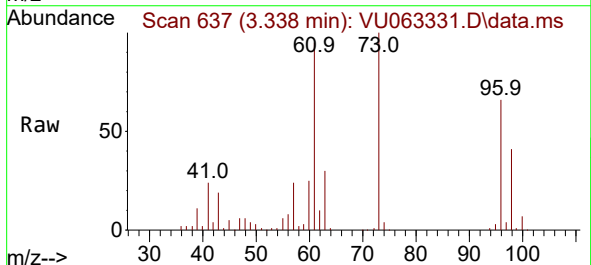
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

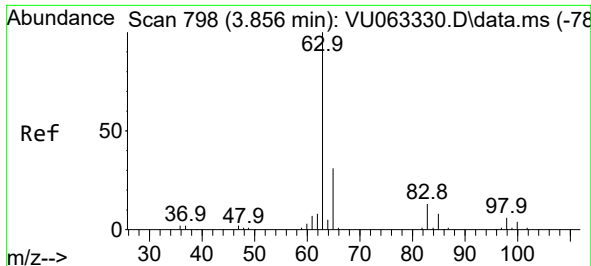
Tgt Ion: 73 Resp: 354260
Ion Ratio Lower Upper
73 100
43 18.8 15.5 23.3
57 23.2 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 9.77 ug/L
RT: 3.338 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 96 Resp: 146603
Ion Ratio Lower Upper
96 100
61 145.1 101.8 189.0
98 63.1 43.2 80.2

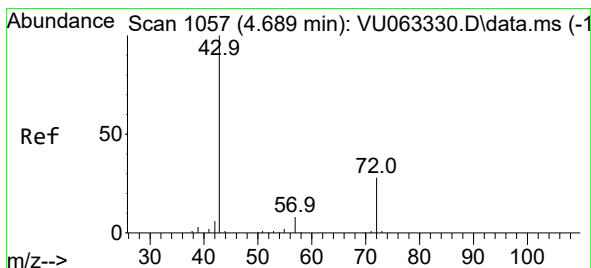
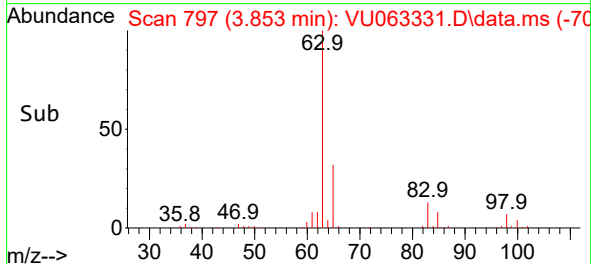
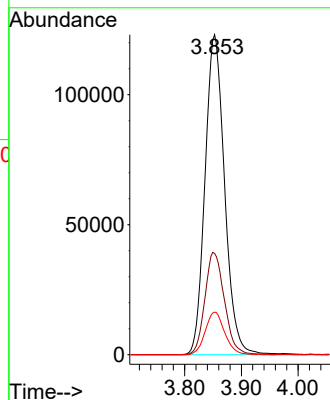
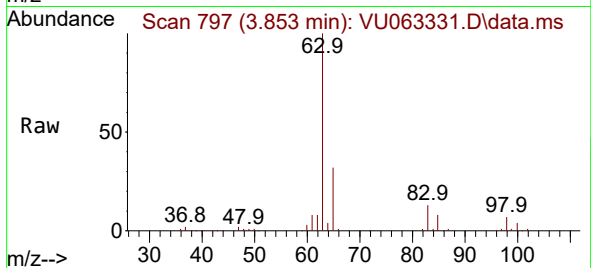




#19
1,1-Dichloroethane
Concen: 9.61 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

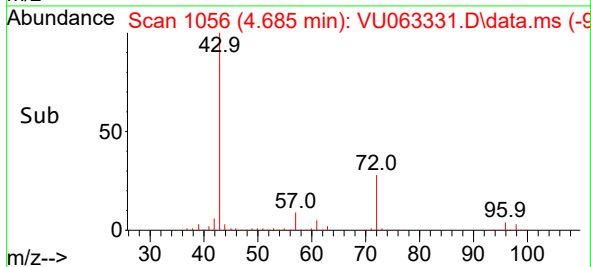
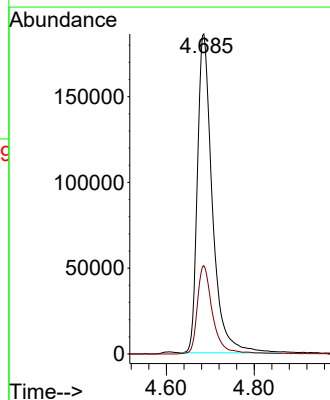
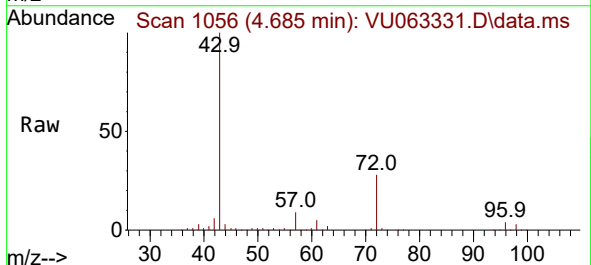
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

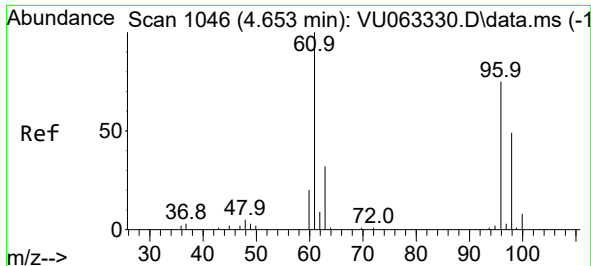
Tgt Ion: 63 Resp: 295538
Ion Ratio Lower Upper
63 100
65 31.7 21.5 39.9
83 13.3 8.8 16.4



#21
2-Butanone
Concen: 105.53 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.003 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 43 Resp: 438055
Ion Ratio Lower Upper
43 100
72 27.9 14.0 42.0





#22

cis-1,2-Dichloroethene

Concen: 9.92 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD010015

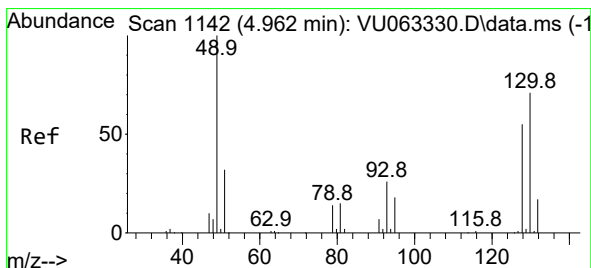
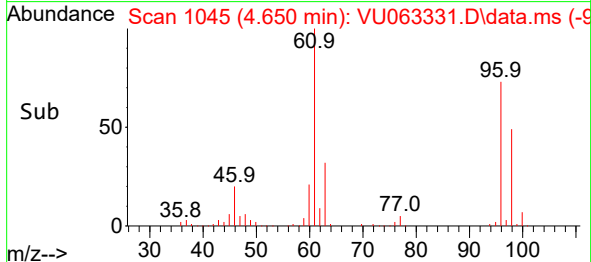
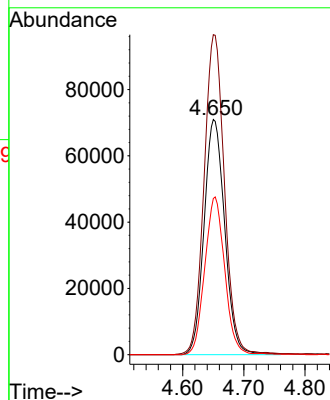
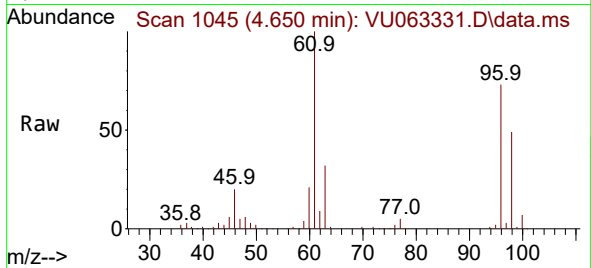
Tgt Ion: 96 Resp: 166473

Ion Ratio Lower Upper

96 100

61 136.1 93.3 173.3

98 66.4 45.4 84.4



#23

Bromochloromethane

Concen: 9.40 ug/L

RT: 4.959 min Scan# 1141

Delta R.T. -0.003 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

Tgt Ion:128 Resp: 72901

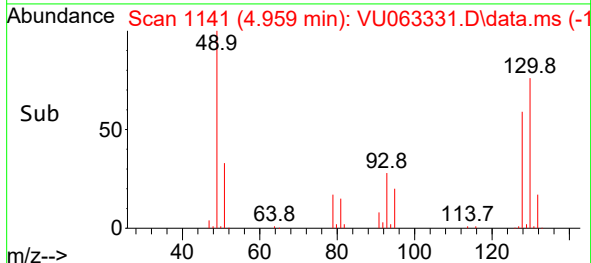
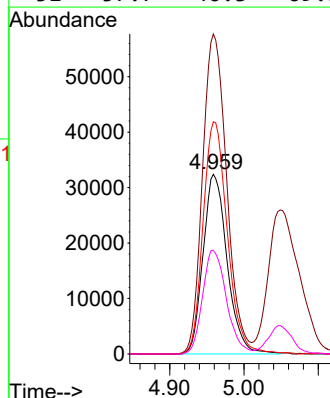
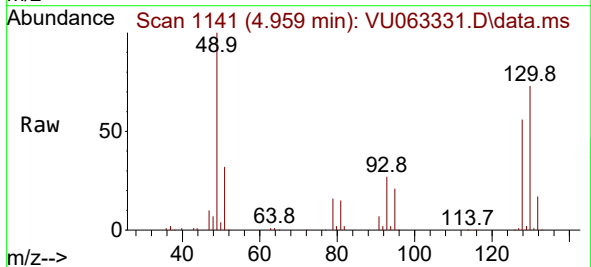
Ion Ratio Lower Upper

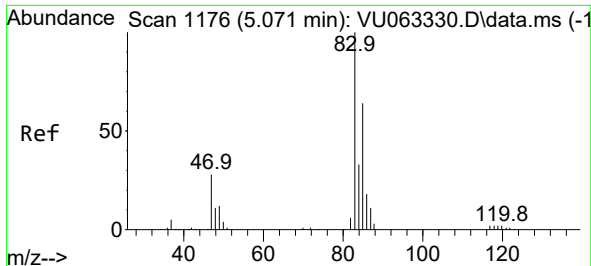
128 100

49 178.0 128.4 238.4

130 129.1 91.3 169.6

51 57.7 46.3 69.5

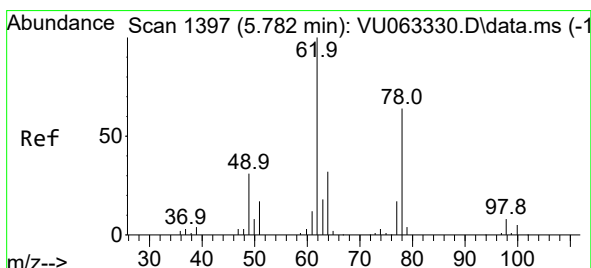
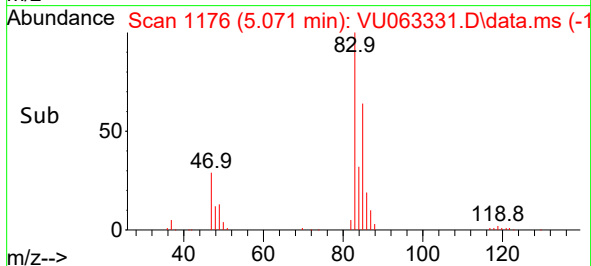
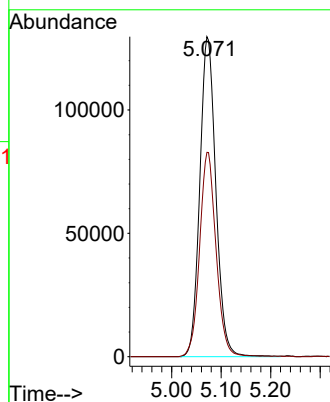
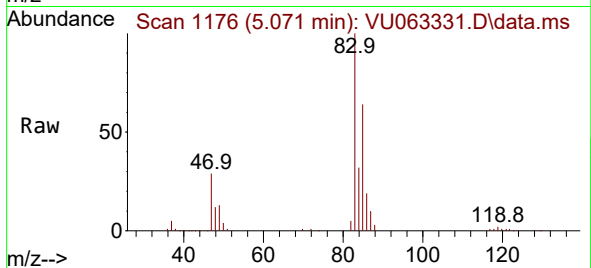




#25
Chloroform
Concen: 9.51 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

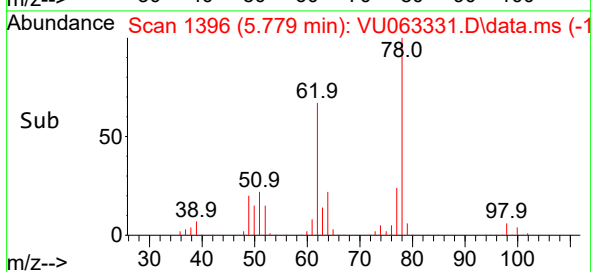
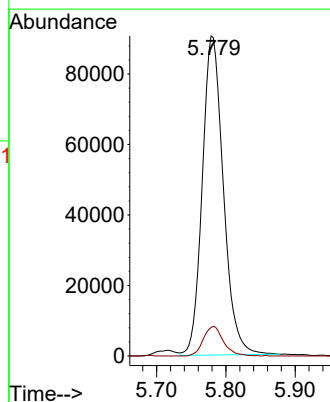
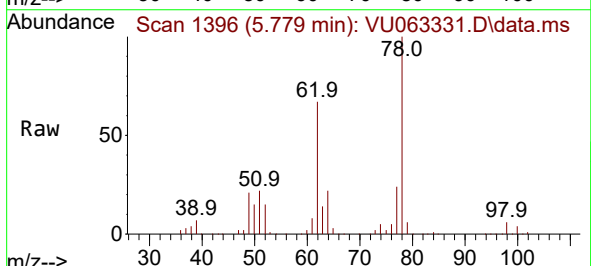
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

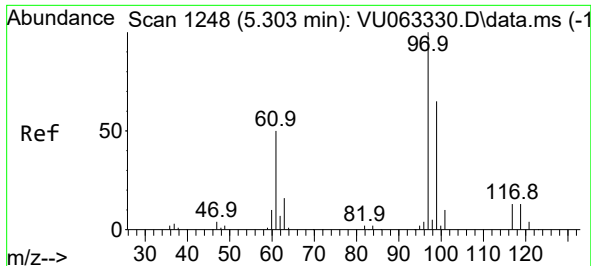
Tgt Ion: 83 Resp: 291949
Ion Ratio Lower Upper
83 100
85 63.8 44.5 82.7



#27
1,2-Dichloroethane
Concen: 9.77 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 62 Resp: 191359
Ion Ratio Lower Upper
62 100
98 8.9 6.3 9.5

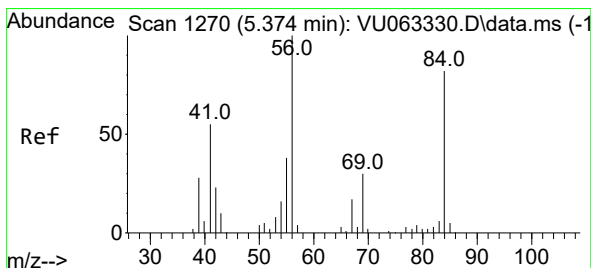
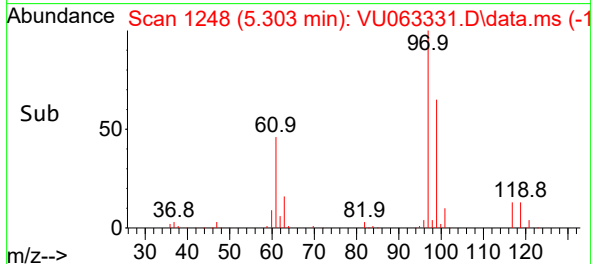
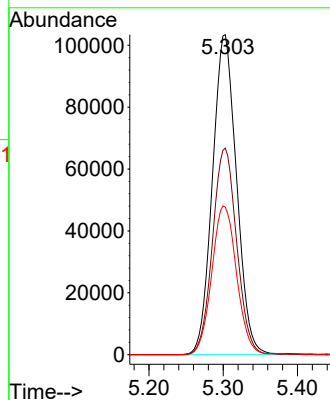
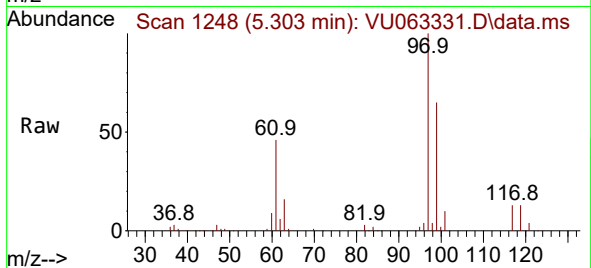




#29
1,1,1-Trichloroethane
Concen: 9.84 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

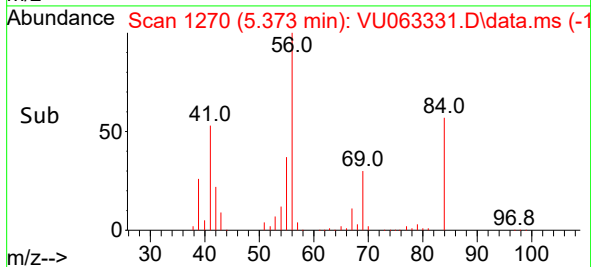
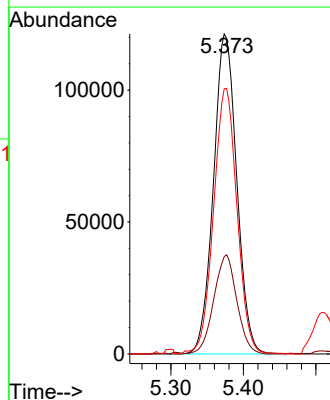
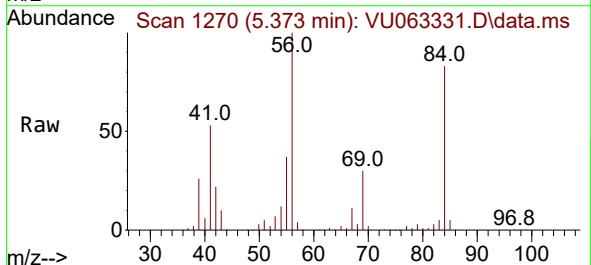
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

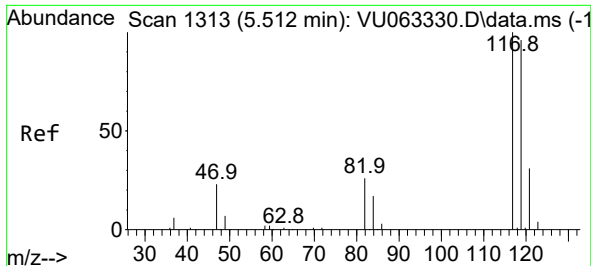
Tgt Ion: 97 Resp: 233140
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 47.8 39.0 58.6



#30
Cyclohexane
Concen: 10.63 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 56 Resp: 270924
Ion Ratio Lower Upper
56 100
69 30.7 24.3 36.5
84 83.5 66.8 100.2

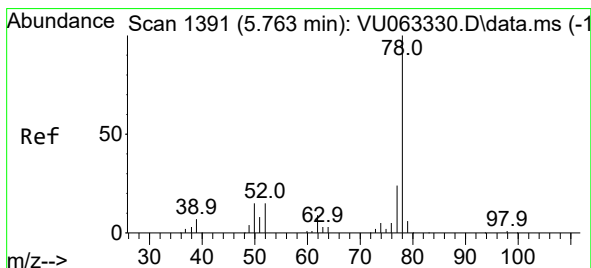
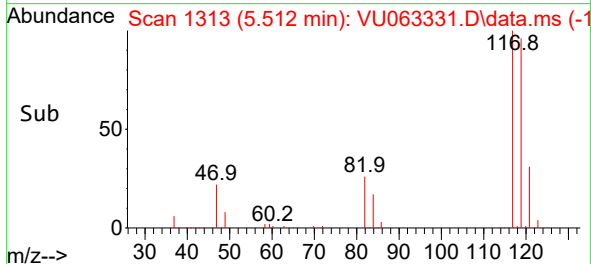
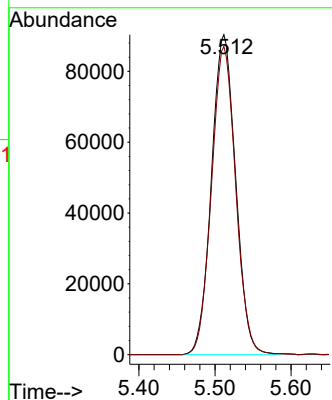
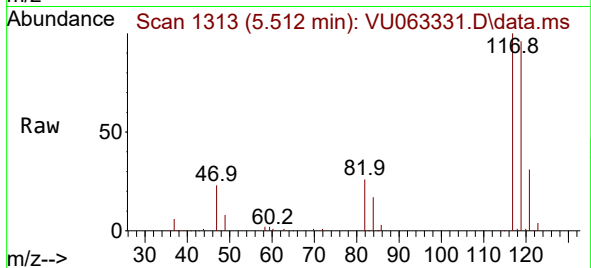




#31
Carbon tetrachloride
Concen: 9.83 ug/L
RT: 5.512 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

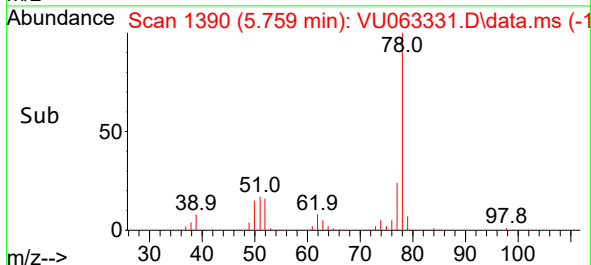
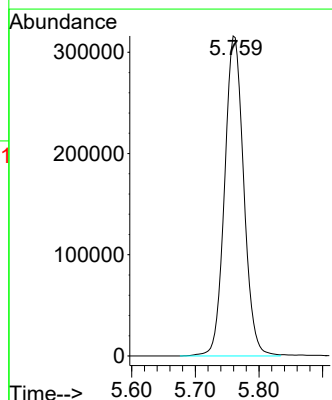
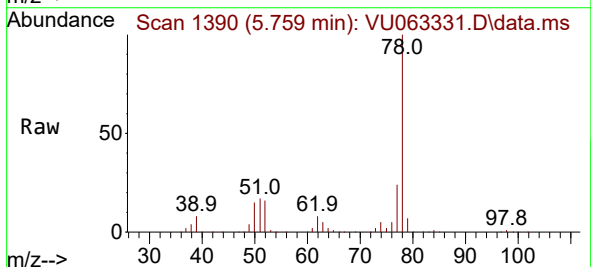
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

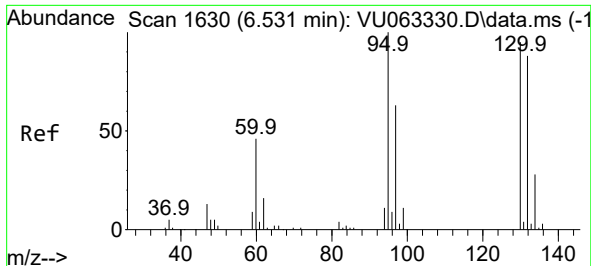
Tgt Ion:117 Resp: 199549
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7



#33
Benzene
Concen: 10.07 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 78 Resp: 660294

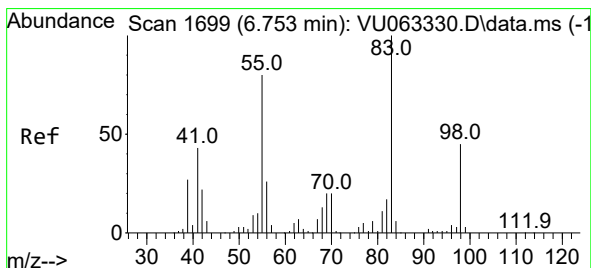
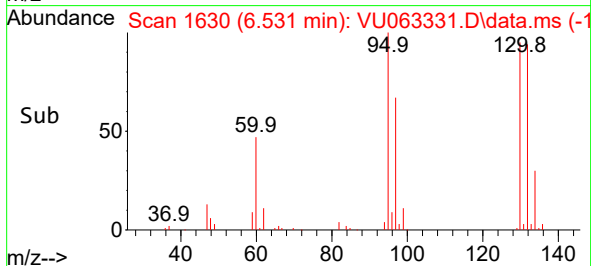
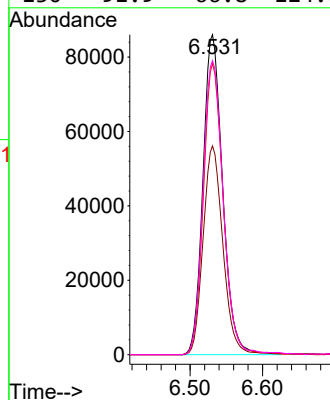
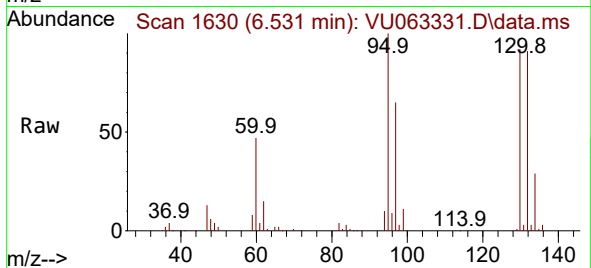




#34
Trichloroethene
Concen: 9.82 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

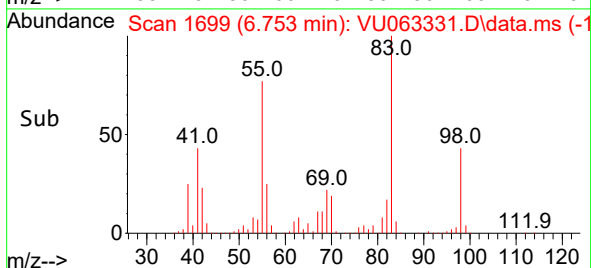
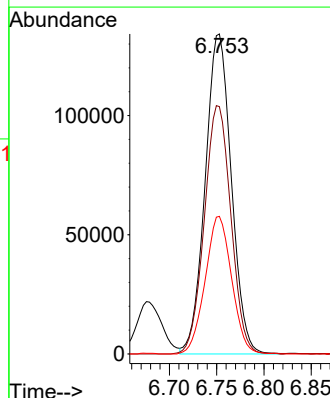
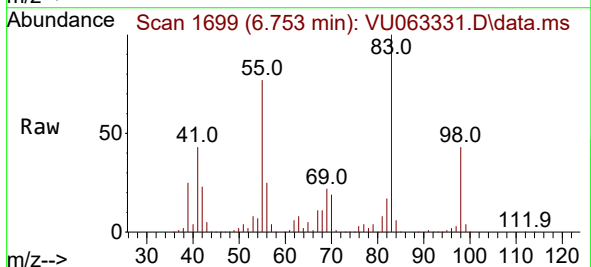
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

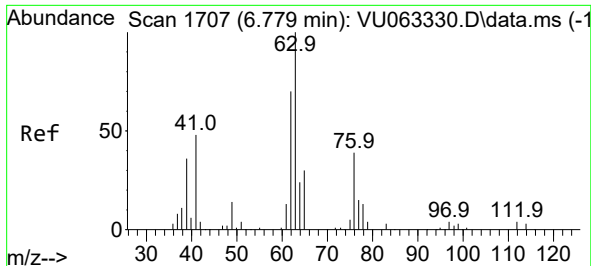
Tgt Ion: 95 Resp: 162815
Ion Ratio Lower Upper
95 100
97 65.3 44.4 82.4
132 91.0 61.5 114.3
130 91.9 66.8 124.0



#35
Methylcyclohexane
Concen: 10.70 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 83 Resp: 258392
Ion Ratio Lower Upper
83 100
55 78.9 63.1 94.7
98 43.5 35.5 53.3





#37

1,2-Dichloropropane

Concen: 9.98 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_U

ClientSampleId :

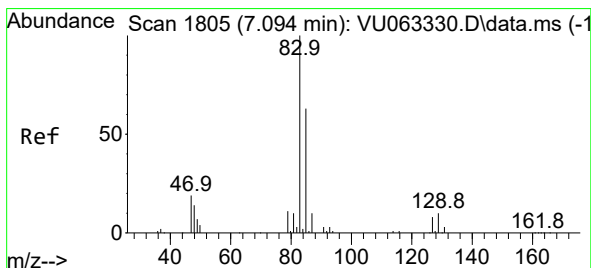
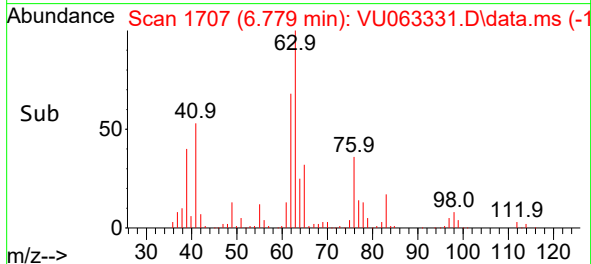
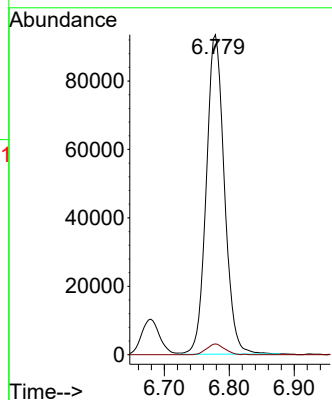
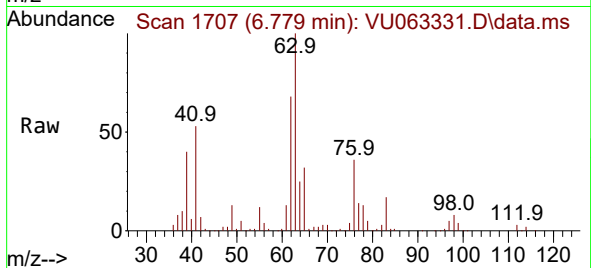
VSTD010015

Tgt Ion: 63 Resp: 181259

Ion Ratio Lower Upper

63 100

112 3.3 2.6 4.0



#38

Bromodichloromethane

Concen: 9.73 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

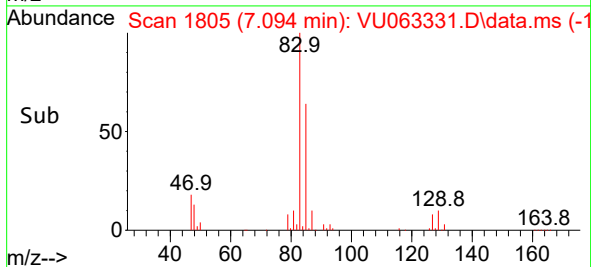
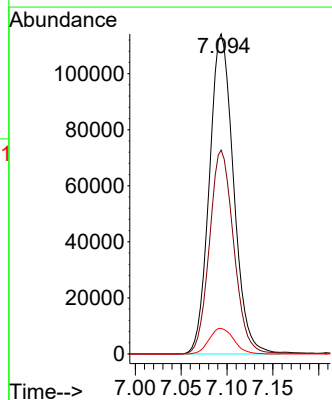
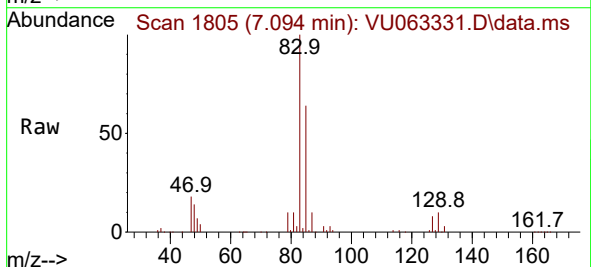
Tgt Ion: 83 Resp: 209769

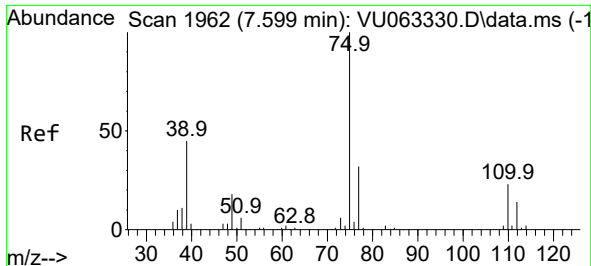
Ion Ratio Lower Upper

83 100

85 63.7 44.2 82.0

127 8.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 10.36 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_U

ClientSampleId :

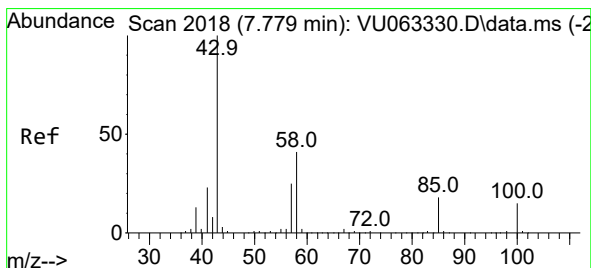
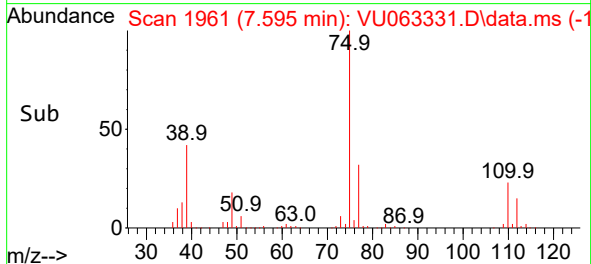
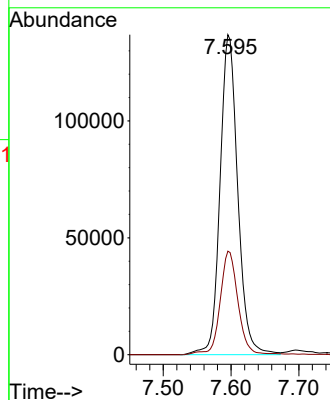
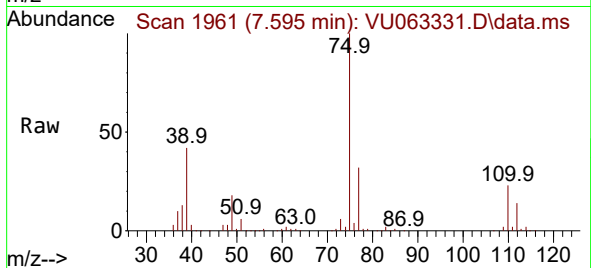
VSTD010015

Tgt Ion: 75 Resp: 248556

Ion Ratio Lower Upper

75 100

77 32.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 107.43 ug/L

RT: 7.779 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

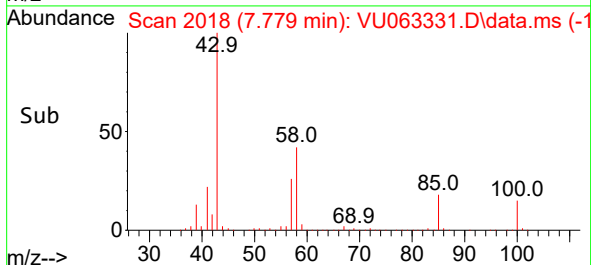
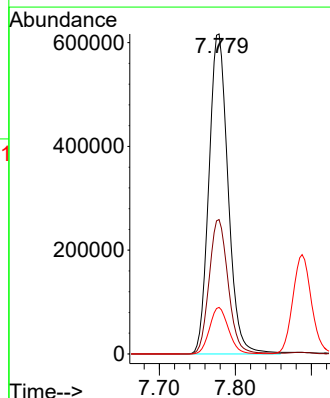
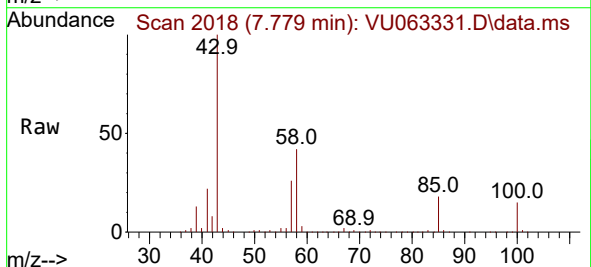
Tgt Ion: 43 Resp: 1076936

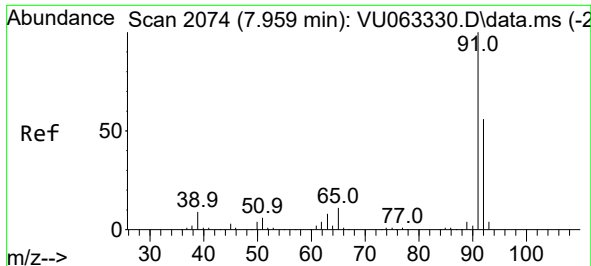
Ion Ratio Lower Upper

43 100

58 42.0 32.9 49.3

100 14.5 11.5 17.3





#42

Toluene

Concen: 10.45 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_U

ClientSampleId :

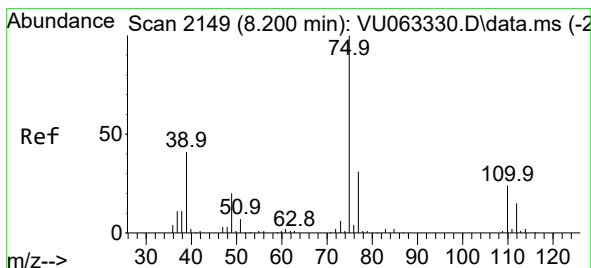
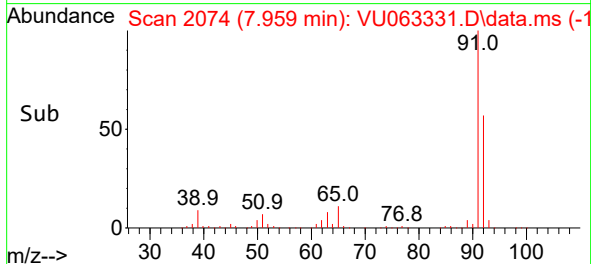
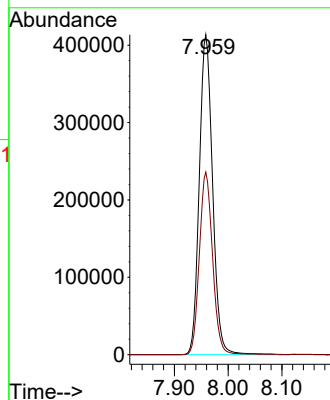
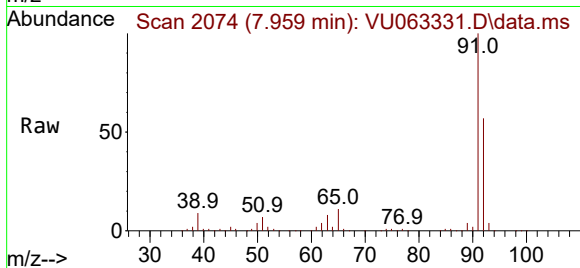
VSTD010015

Tgt Ion: 91 Resp: 709362

Ion Ratio Lower Upper

91 100

92 57.1 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 10.38 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063331.D

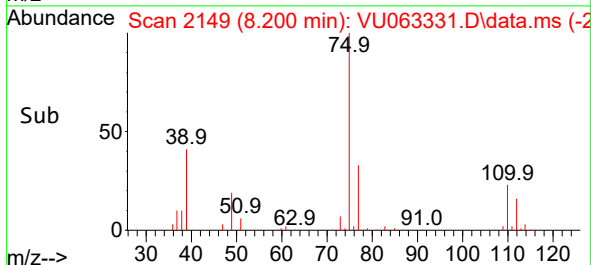
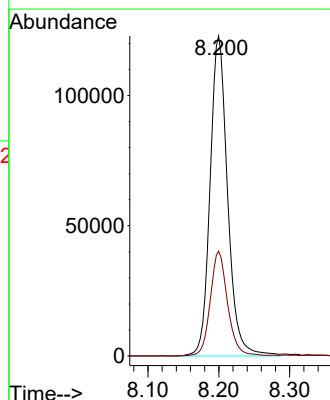
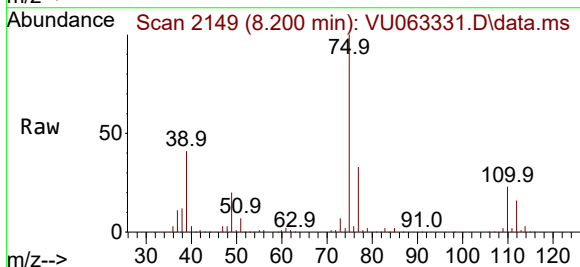
Acq: 03 Apr 2025 16:00

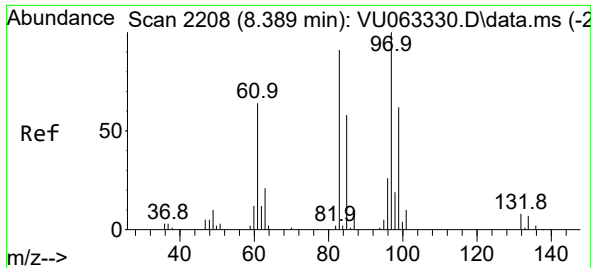
Tgt Ion: 75 Resp: 210997

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.6



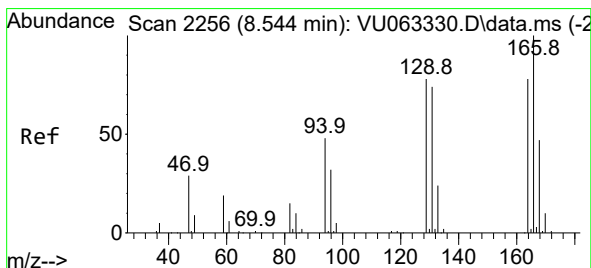
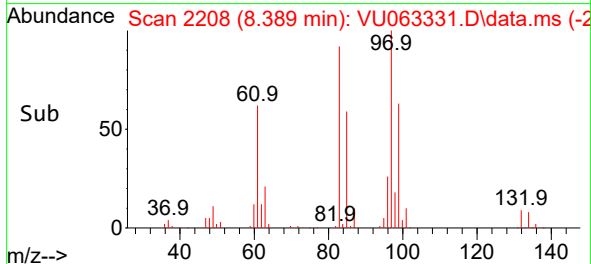
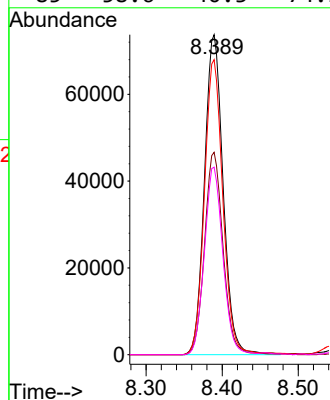
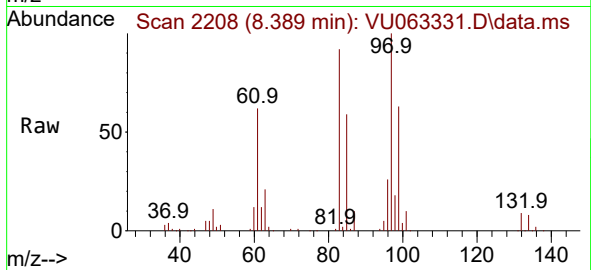


#45
1,1,2-Trichloroethane
Concen: 9.89 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

Tgt Ion: 97 Resp: 125749

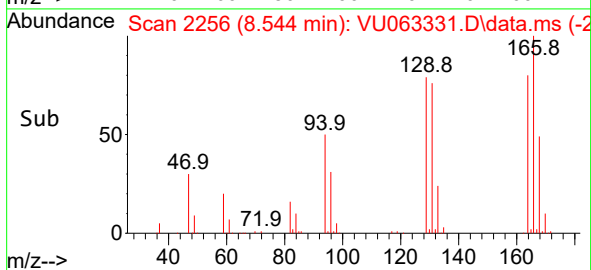
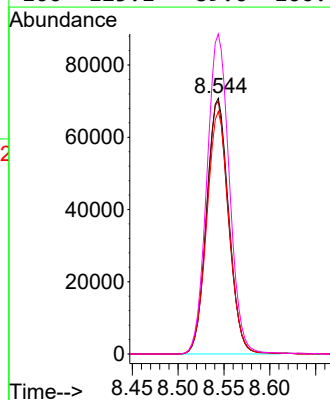
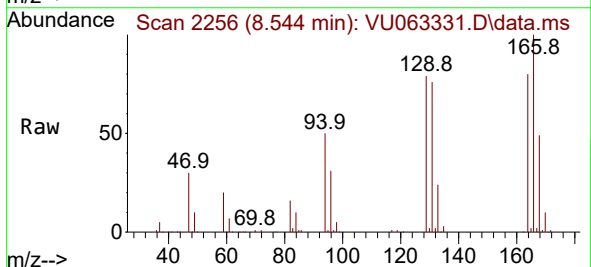
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.3
83	92.2	63.5	117.9
85	58.6	40.3	74.9

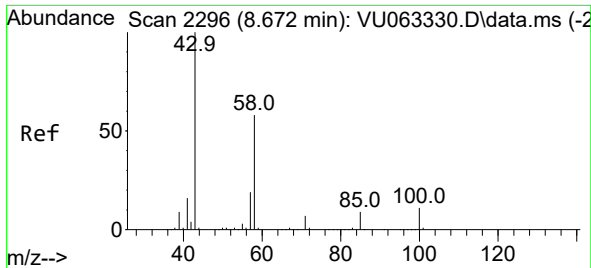


#47
Tetrachloroethene
Concen: 10.00 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 164 Resp: 118617

Ion	Ratio	Lower	Upper
164	100		
129	98.8	69.9	129.9
131	94.8	66.1	122.7
166	125.1	89.6	166.4



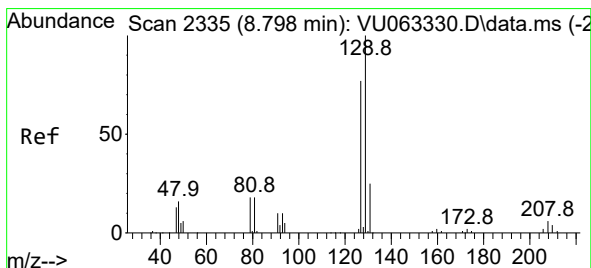
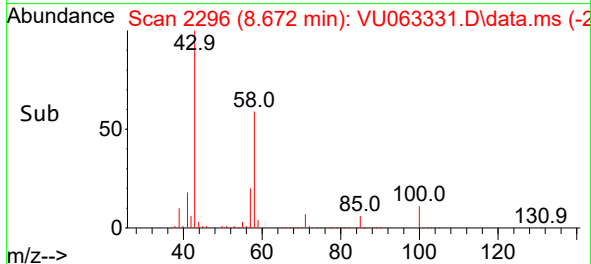
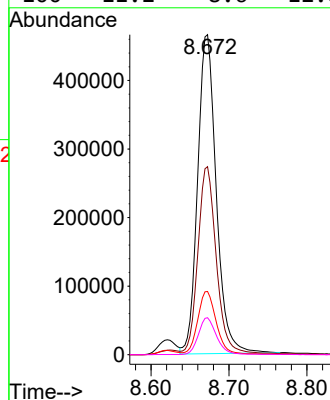
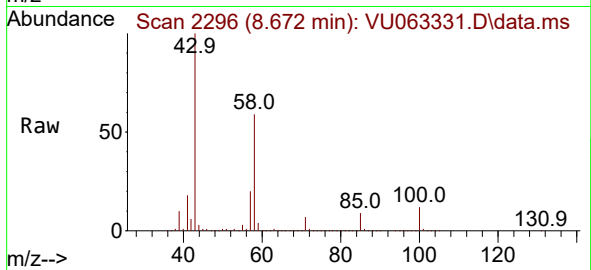


#48
2-Hexanone
Concen: 109.67 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

Tgt Ion: 43 Resp: 773673

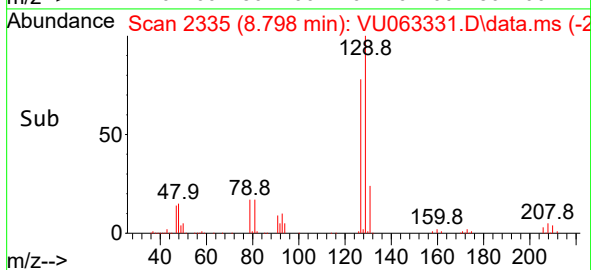
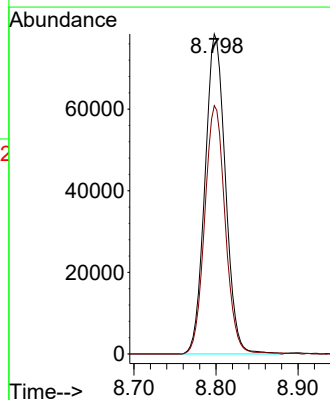
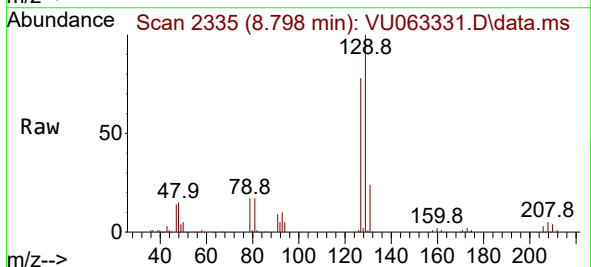
Ion	Ratio	Lower	Upper
43	100		
58	58.7	45.7	68.5
57	19.5	15.2	22.8
100	11.2	8.6	12.8

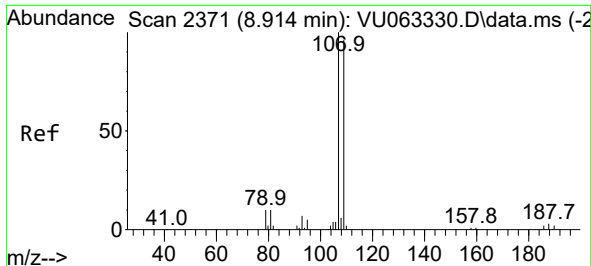


#49
Dibromochloromethane
Concen: 9.99 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 129 Resp: 135753

Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.8	100.0

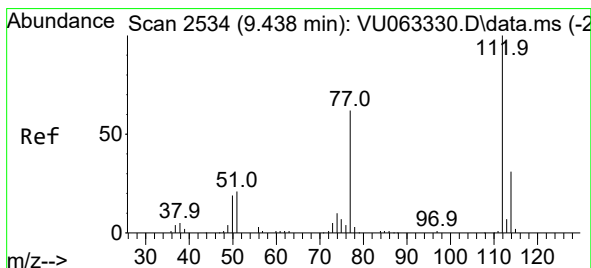
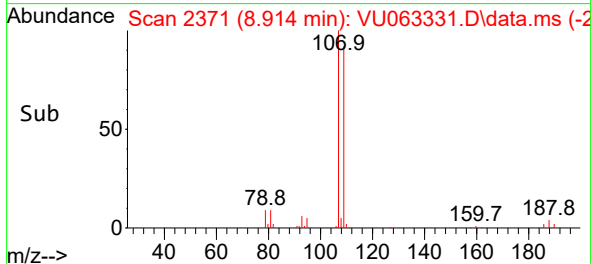
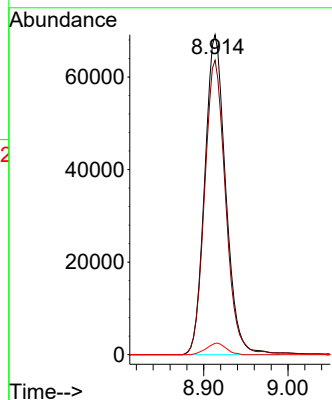
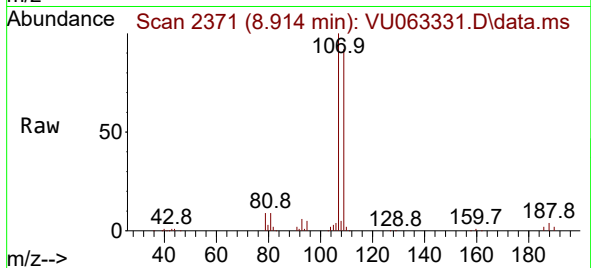




#50
1,2-Dibromoethane
Concen: 10.16 ug/L
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

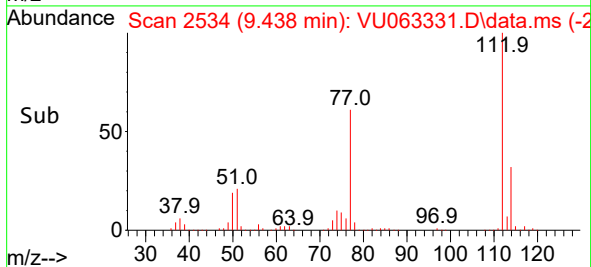
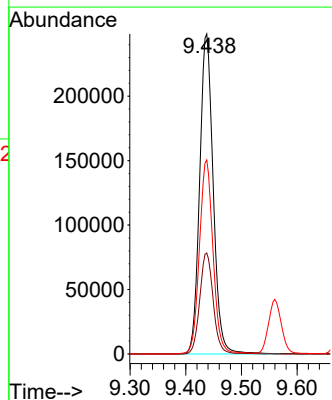
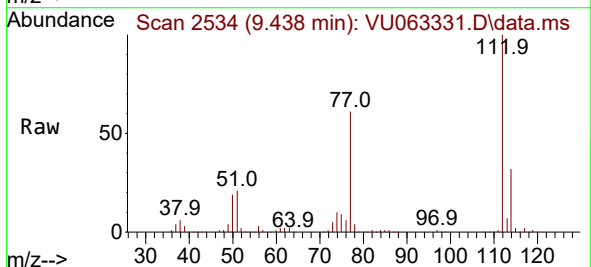
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

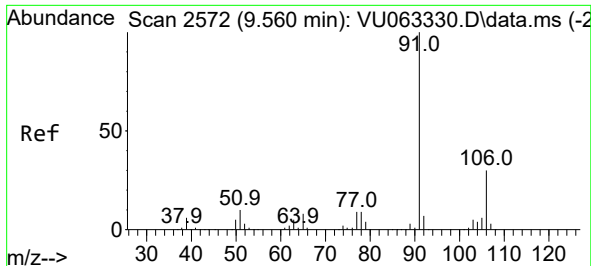
Tgt Ion:107 Resp: 119665
Ion Ratio Lower Upper
107 100
109 92.0 67.2 124.8
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 9.98 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion:112 Resp: 420011
Ion Ratio Lower Upper
112 100
114 31.5 21.7 40.3
77 60.7 49.8 74.6

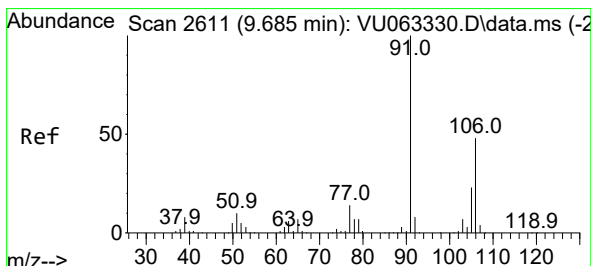
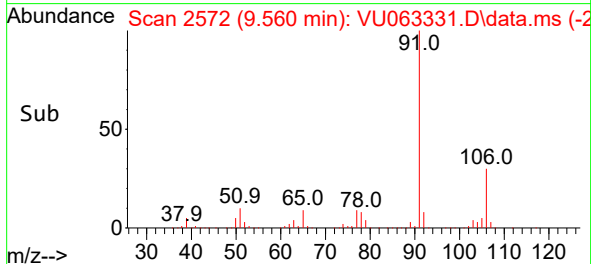
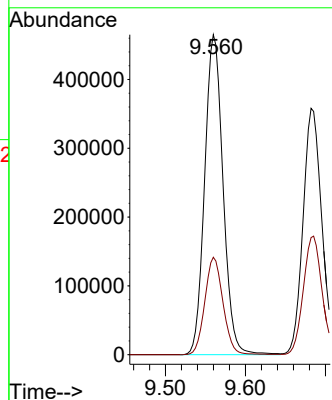
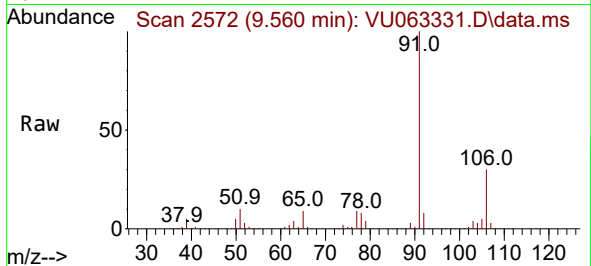




#52
Ethylbenzene
Concen: 10.76 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

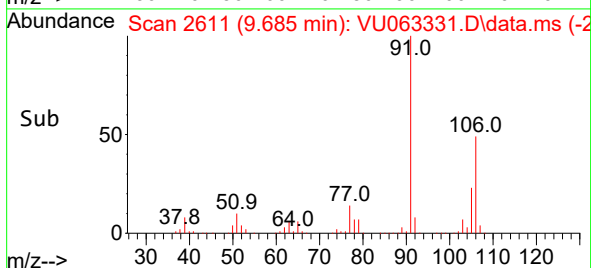
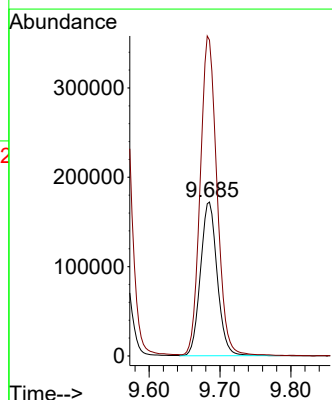
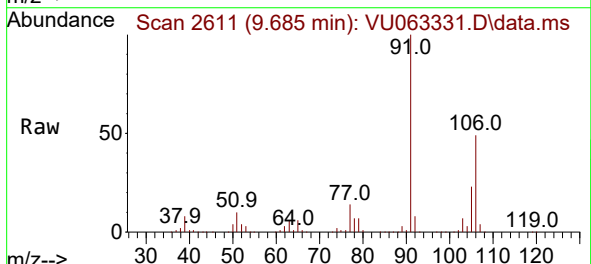
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

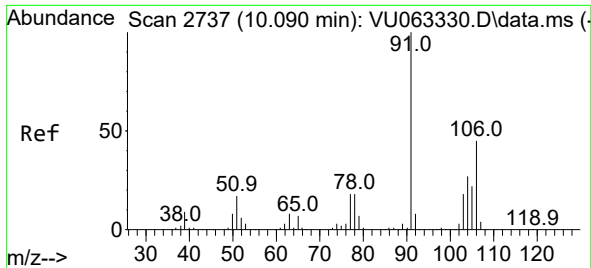
Tgt Ion: 91 Resp: 744865
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 11.17 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 106 Resp: 282206
Ion Ratio Lower Upper
106 100
91 205.1 146.3 271.7

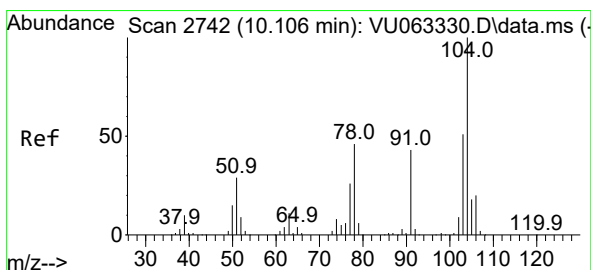
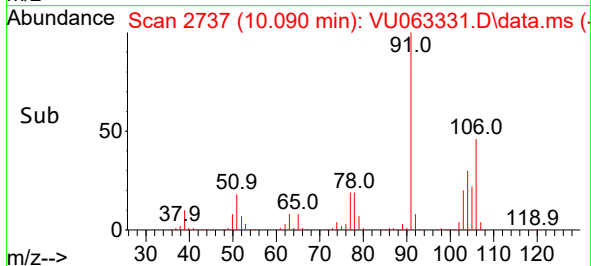
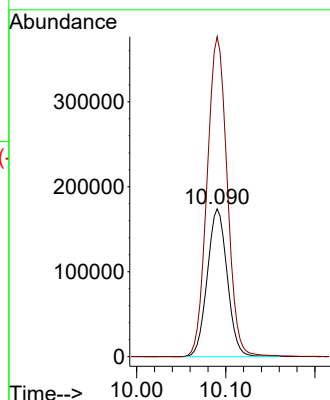
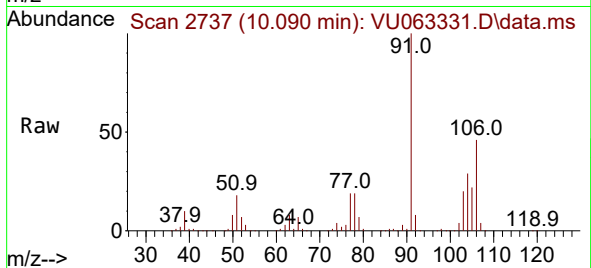




#54
o-Xylene
Concen: 11.15 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

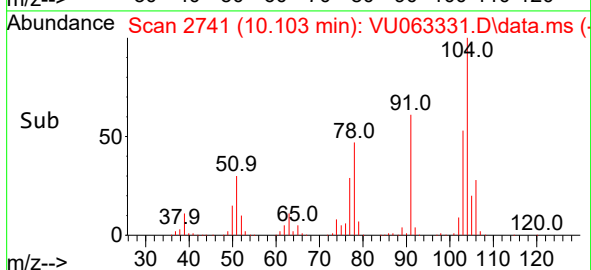
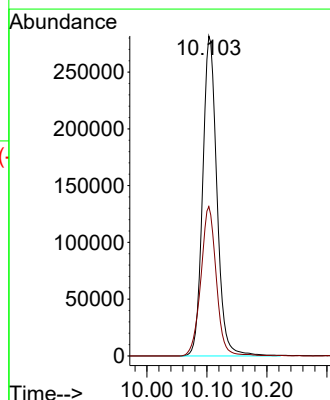
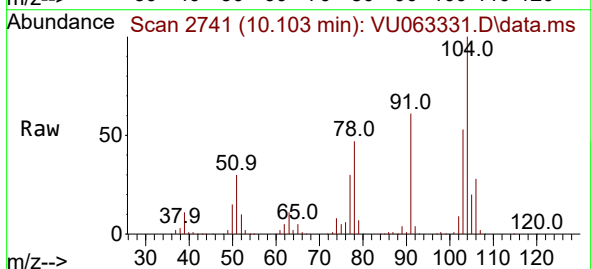
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

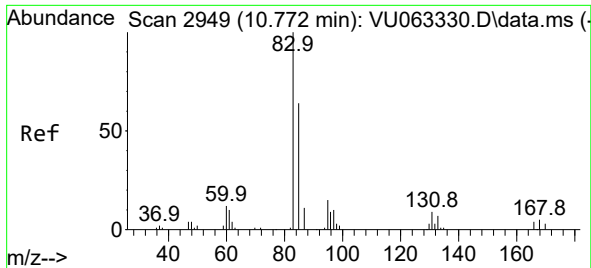
Tgt Ion:106 Resp: 270296
Ion Ratio Lower Upper
106 100
91 216.5 155.6 289.0



#55
Styrene
Concen: 11.60 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion:104 Resp: 467983
Ion Ratio Lower Upper
104 100
78 46.7 32.1 59.5

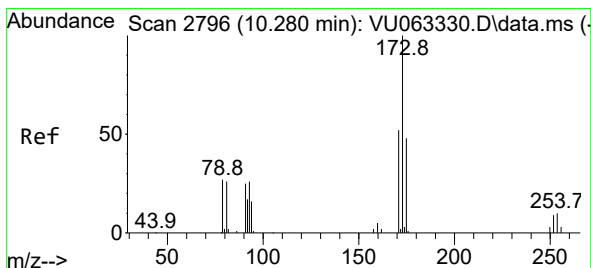
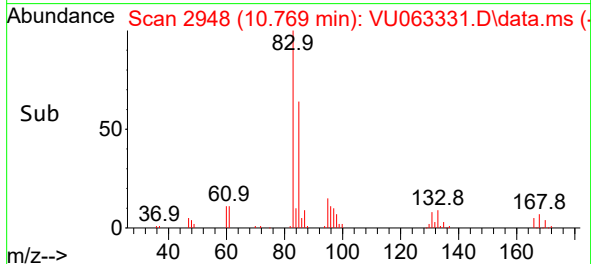
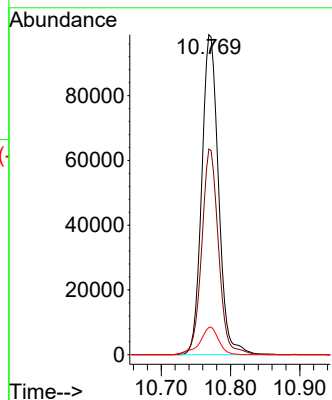
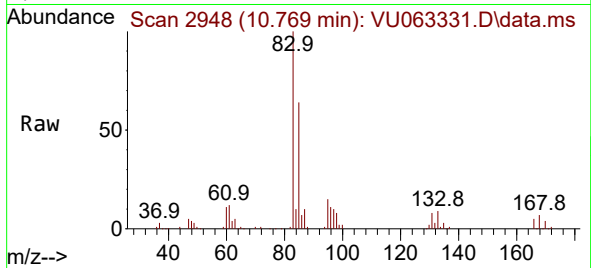




#57
1,1,2,2-Tetrachloroethane
Concen: 9.97 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

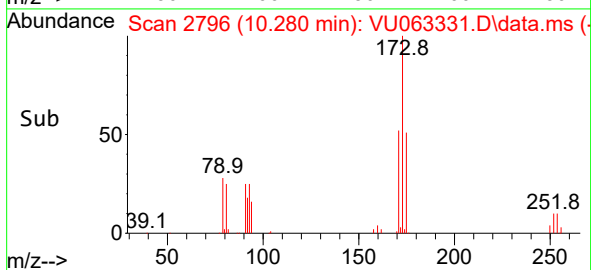
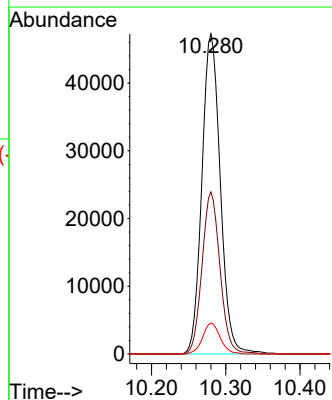
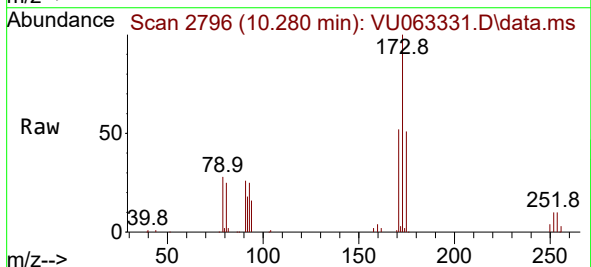
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

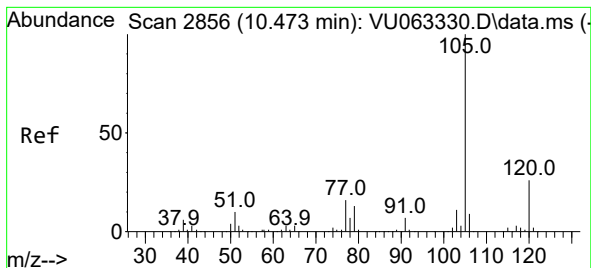
Tgt Ion: 83 Resp: 165869
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
131 8.5 7.1 10.7



#59
Bromoform
Concen: 9.43 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 173 Resp: 81428
Ion Ratio Lower Upper
173 100
175 49.3 39.4 59.0
254 9.3 7.2 10.8





#60

Isopropylbenzene

Concen: 10.64 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD010015

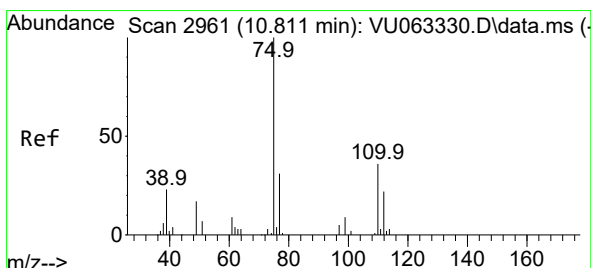
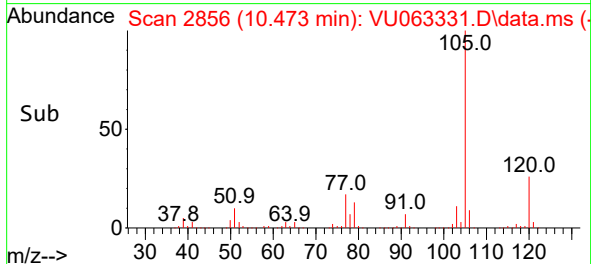
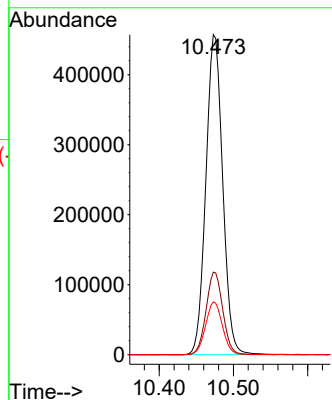
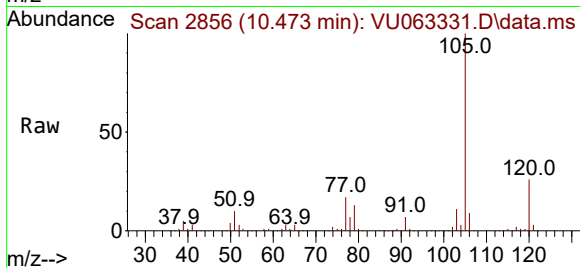
Tgt Ion:105 Resp: 718158

Ion Ratio Lower Upper

105 100

120 25.6 20.7 31.1

77 16.6 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 9.41 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.000 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

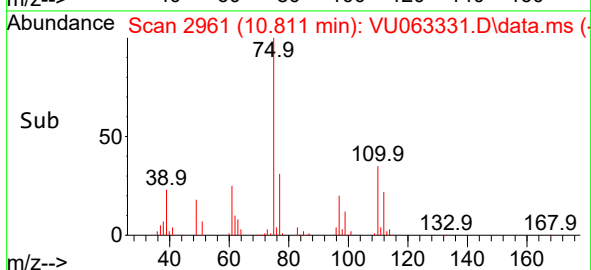
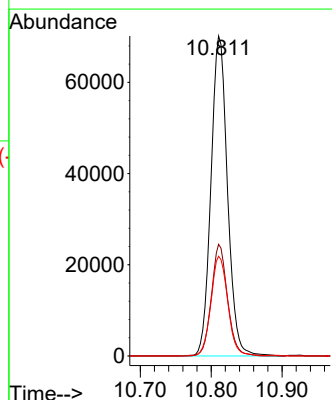
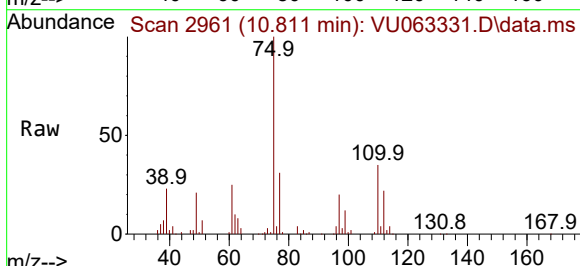
Tgt Ion: 75 Resp: 113758

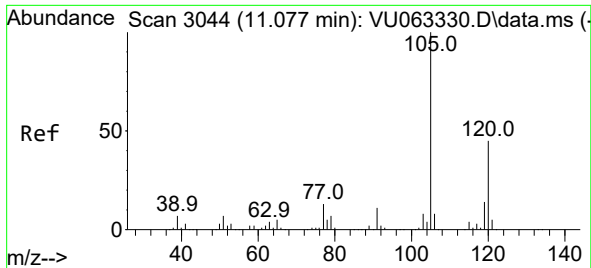
Ion Ratio Lower Upper

75 100

110 33.9 27.0 40.6

77 31.7 25.7 38.5

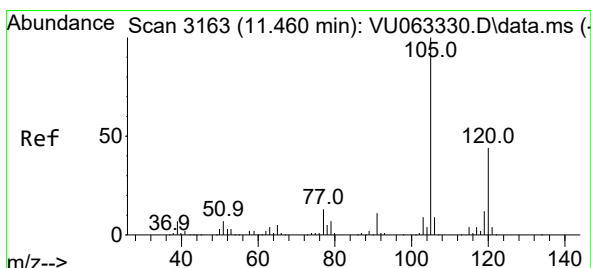
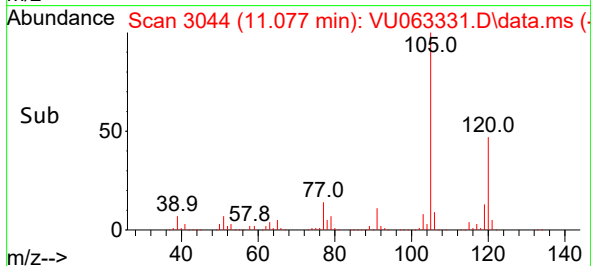
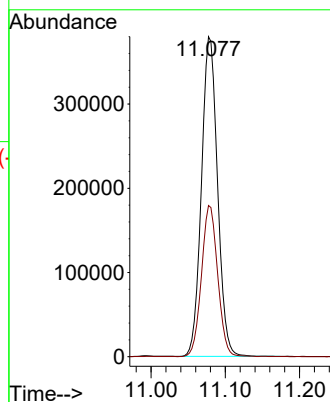
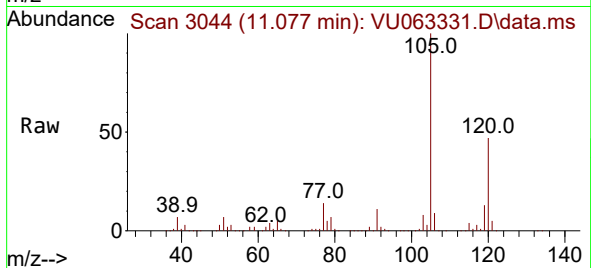




#62
1,3,5-Trimethylbenzene
Concen: 10.86 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

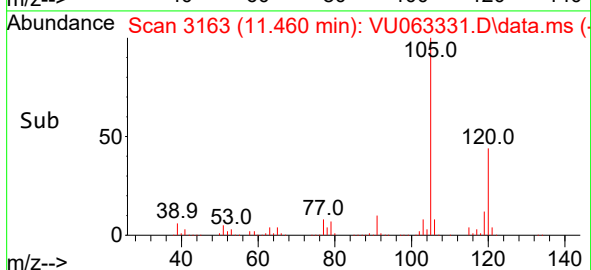
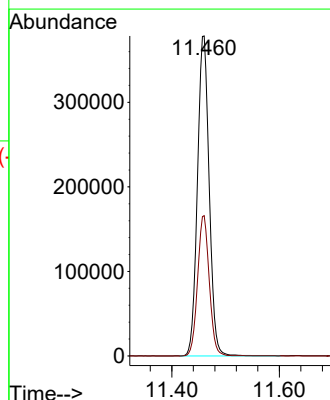
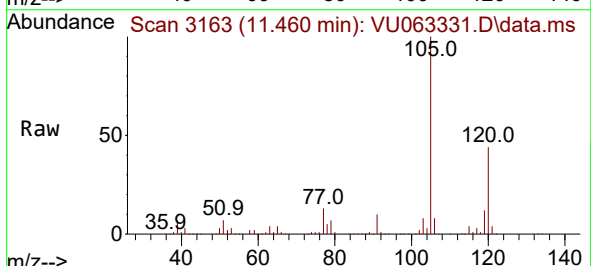
Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

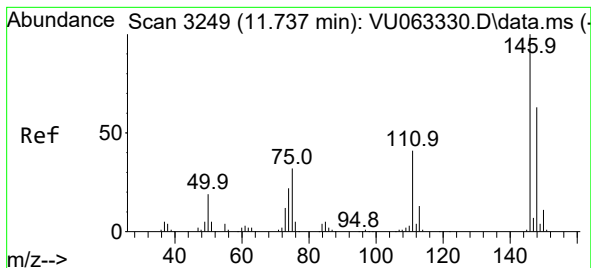
Tgt Ion:105 Resp: 571269
Ion Ratio Lower Upper
105 100
120 47.7 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 11.71 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion:105 Resp: 574160
Ion Ratio Lower Upper
105 100
120 43.6 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 10.02 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063331.D

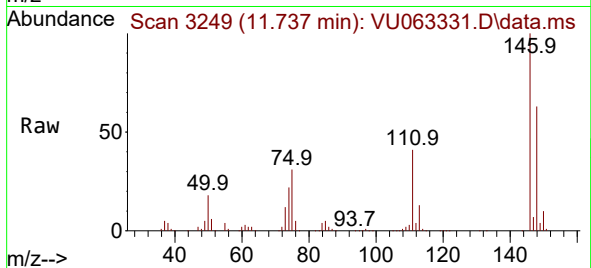
Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD010015



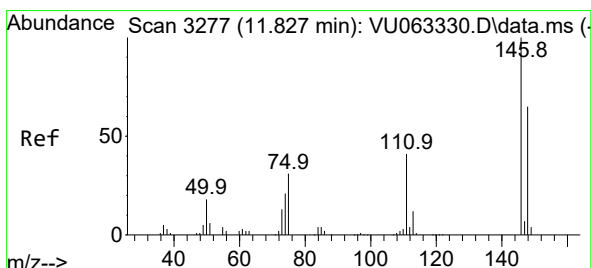
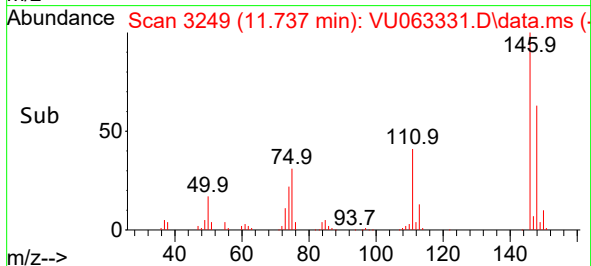
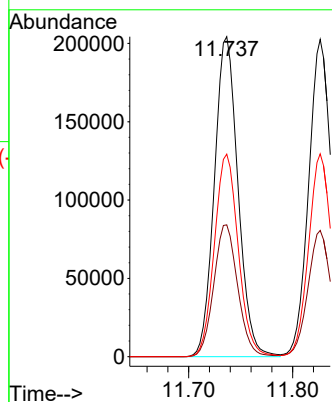
Tgt Ion:146 Resp: 322784

Ion Ratio Lower Upper

146 100

111 41.2 28.4 52.8

148 63.3 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 10.05 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

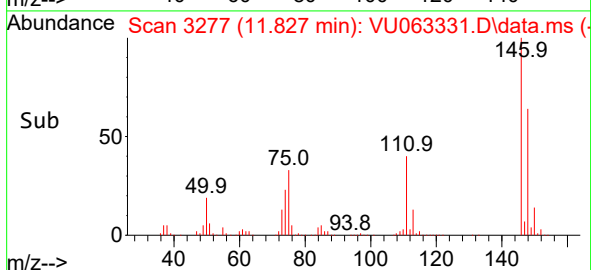
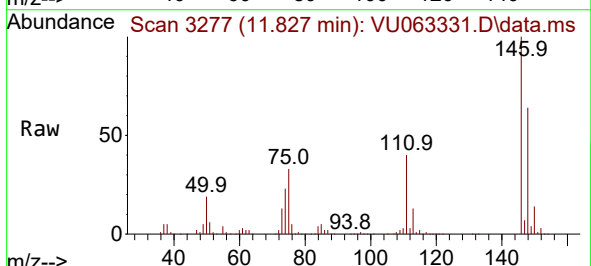
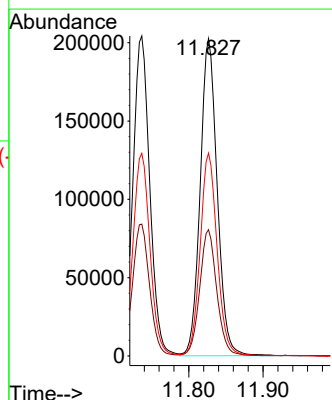
Tgt Ion:146 Resp: 322454

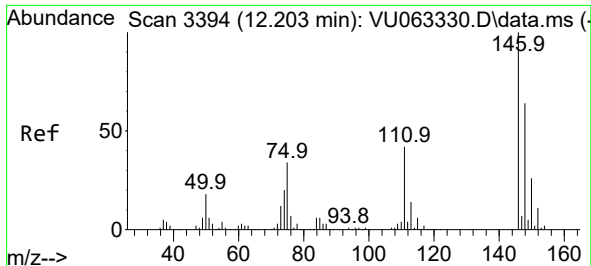
Ion Ratio Lower Upper

146 100

111 39.8 28.8 53.6

148 63.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 9.86 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD010015

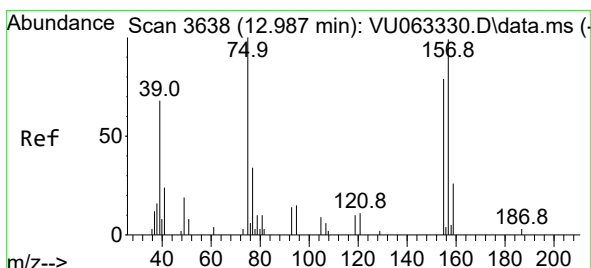
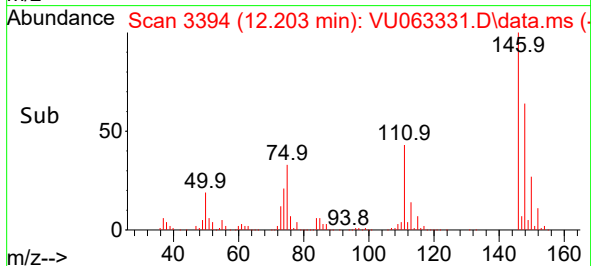
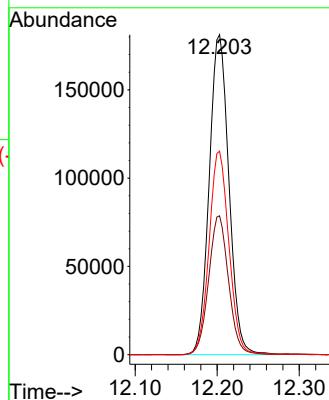
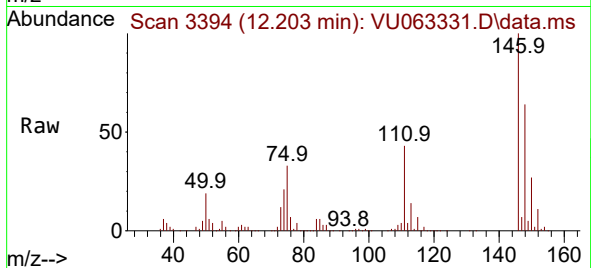
Tgt Ion:146 Resp: 302509

Ion Ratio Lower Upper

146 100

111 43.4 33.8 50.8

148 63.6 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 9.57 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

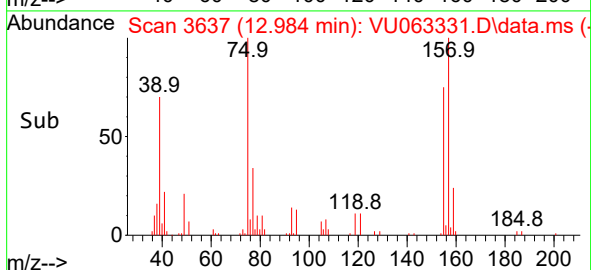
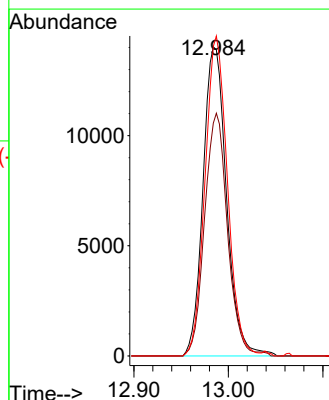
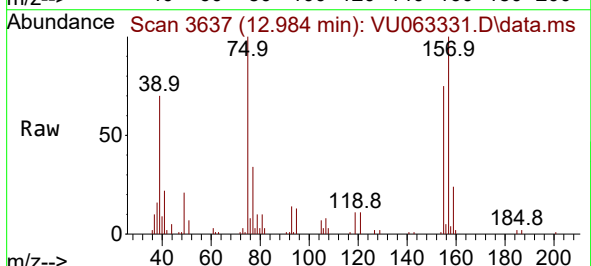
Tgt Ion: 75 Resp: 24207

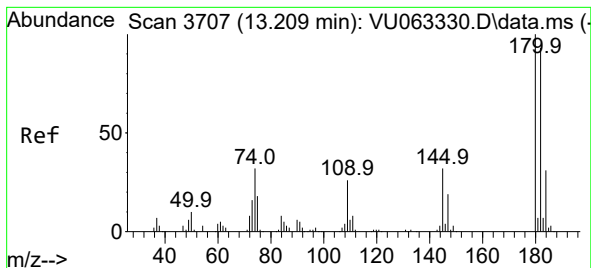
Ion Ratio Lower Upper

75 100

155 75.3 63.6 95.4

157 100.1 78.9 118.3





#69

1,3,5-Trichlorobenzene

Concen: 10.13 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063331.D

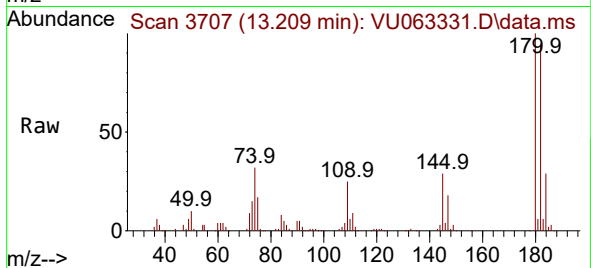
Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD010015



Tgt Ion:180 Resp: 220993

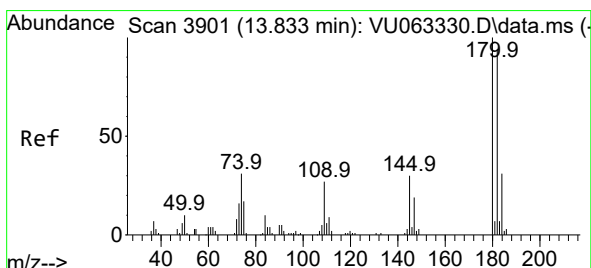
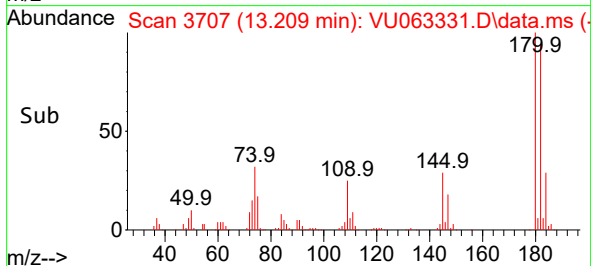
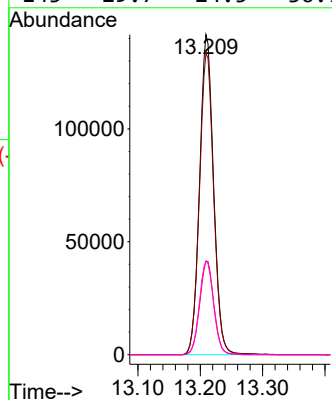
Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.6

184 29.6 24.6 37.0

145 29.7 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 10.97 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063331.D

Acq: 03 Apr 2025 16:00

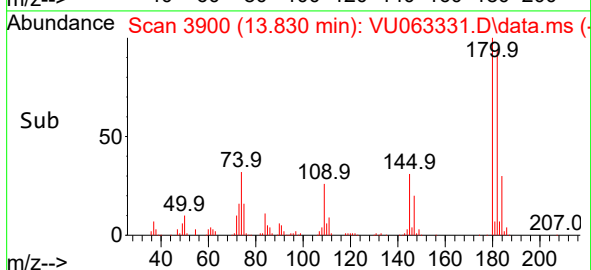
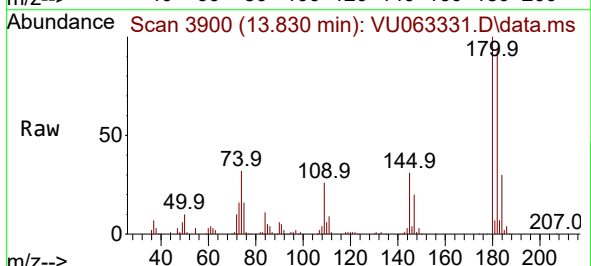
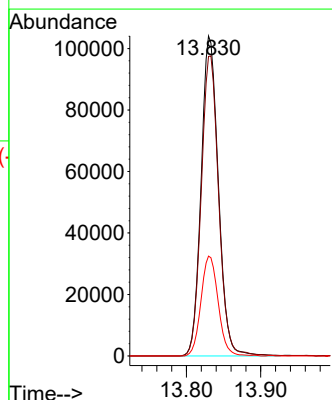
Tgt Ion:180 Resp: 168167

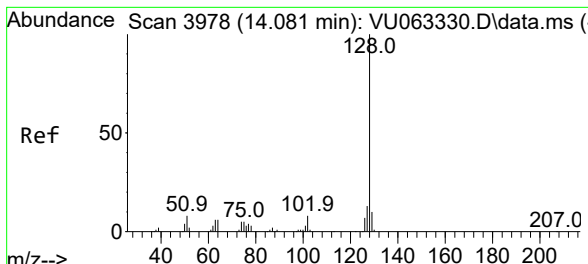
Ion Ratio Lower Upper

180 100

182 94.9 76.7 115.1

145 31.1 24.5 36.7

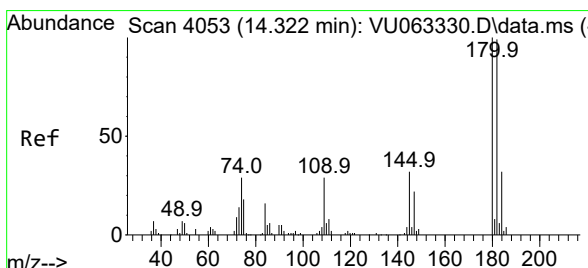
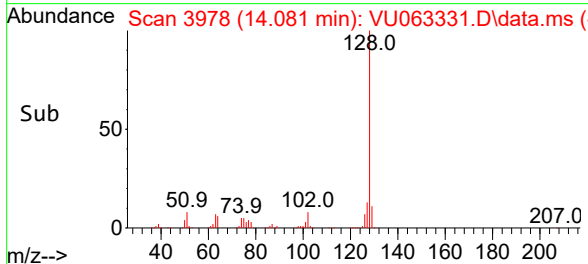
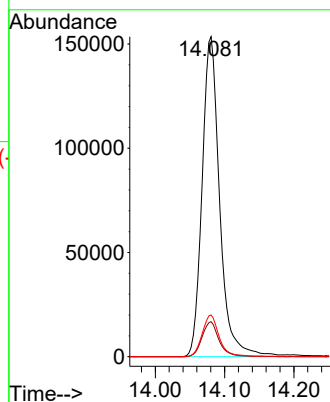
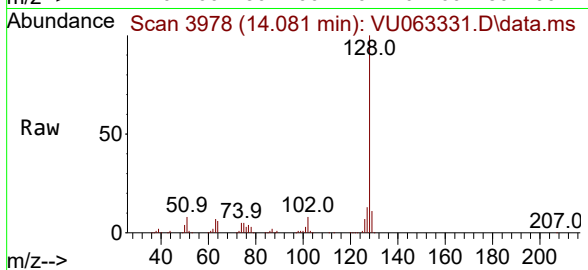




#71
Naphthalene
Concen: 12.03 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD010015

Tgt Ion:	128	Resp:	270521
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.5	12.7
127	12.7	9.9	14.9



#72
1,2,3-Trichlorobenzene
Concen: 11.26 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063331.D
Acq: 03 Apr 2025 16:00

Tgt Ion:	180	Resp:	154211
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.3	115.9
145	32.6	26.8	40.2

