

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040325\
 Data File : VU063332.D
 Acq On : 03 Apr 2025 16:25
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020016

Quant Time: Apr 04 09:13:22 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	6.239	114	208208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	207258	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	109362	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	276594	19.22	ug/L	0.00
7) Chloroethane-d5	1.891	69	265380	19.17	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.551	65	128485	19.73	ug/L	0.00
20) 2-Butanone-d5	4.602	46	887775	216.71	ug/L	0.00
24) Chloroform-d	5.046	84	614837	19.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	309630	19.62	ug/L	0.00
32) Benzene-d6	5.711	84	1238682	20.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	401872	20.01	ug/L	0.00
41) Toluene-d8	7.888	98	1120314	20.95	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	126586	21.26	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	750244	246.25	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	345881	20.18	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	388379	19.93	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	399275	18.69	ug/L	100
3) Chloromethane	1.515	50	443411	18.40	ug/L	99
5) Vinyl chloride	1.596	62	452326	18.73	ug/L	99
6) Bromomethane	1.827	94	245290	19.20	ug/L	96
8) Chloroethane	1.914	64	257081	18.68	ug/L	96
9) Trichlorofluoromethane	2.123	101	472266	18.55	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	287657	18.71	ug/L	99
12) 1,1-Dichloroethene	2.563	96	284438	19.32	ug/L	98
13) Acetone	2.612	43	513695	185.99	ug/L	100
14) Carbon disulfide	2.776	76	993873	18.91	ug/L	99
15) Methyl Acetate	2.936	43	141484	19.38	ug/L	98
16) Methylene chloride	3.026	84	331871	17.75	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	773038	20.62	ug/L	99
18) trans-1,2-Dichloroethene	3.335	96	304603	19.34	ug/L	98
19) 1,1-Dichloroethane	3.850	63	614683	19.04	ug/L	99
21) 2-Butanone	4.682	43	937742	215.32	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	353190	20.07	ug/L	98
23) Bromochloromethane	4.959	128	153147	18.81	ug/L	95
25) Chloroform	5.071	83	603021	18.73	ug/L	98
27) 1,2-Dichloroethane	5.779	62	396744	19.30	ug/L	97
29) 1,1,1-Trichloroethane	5.300	97	487043	19.17	ug/L	99
30) Cyclohexane	5.374	56	590245	21.59	ug/L	100
31) Carbon tetrachloride	5.509	117	411825	18.91	ug/L	99
33) Benzene	5.759	78	1383307	19.67	ug/L	100
34) Trichloroethene	6.531	95	344804	19.40	ug/L	98
35) Methylcyclohexane	6.750	83	568542	21.95	ug/L	98
37) 1,2-Dichloropropane	6.775	63	377083	19.35	ug/L	100
38) Bromodichloromethane	7.094	83	437567	18.93	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	546736	21.26	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	2327732	216.52	ug/L	99
42) Toluene	7.959	91	1497469	20.57	ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	461220	21.16	ug/L	100

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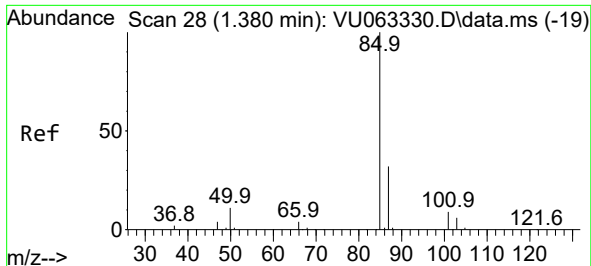
Instrument :
 MSVOA_U
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Quant Time: Apr 04 09:13:22 2025
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.386	97	264102	19.37	ug/L	99
47) Tetrachloroethene	8.544	164	248332	19.53	ug/L	99
48) 2-Hexanone	8.672	43	1713420	226.49	ug/L	100
49) Dibromochloromethane	8.798	129	288811	19.82	ug/L	99
50) 1,2-Dibromoethane	8.914	107	252192	19.97	ug/L	99
51) Chlorobenzene	9.438	112	893515	19.79	ug/L	98
52) Ethylbenzene	9.560	91	1633773	22.02	ug/L	100
53) m,p-Xylene	9.682	106	610514	22.53	ug/L	100
54) o-Xylene	10.090	106	593769	22.85	ug/L	98
55) Styrene	10.103	104	1028324	23.76	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.769	83	358555	20.09	ug/L	98
59) Bromoform	10.280	173	177512	18.18	ug/L	99
60) Isopropylbenzene	10.473	105	1590936	20.84	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	242702	17.74	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	1323930	22.25	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	1320747	23.81	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	707248	19.40	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	708319	19.51	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	672240	19.37	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	53901	18.83	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	504390	20.43	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	403805	23.29	ug/L	100
71) Naphthalene	14.077	128	696819	27.40	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	362725	23.42	ug/L	99

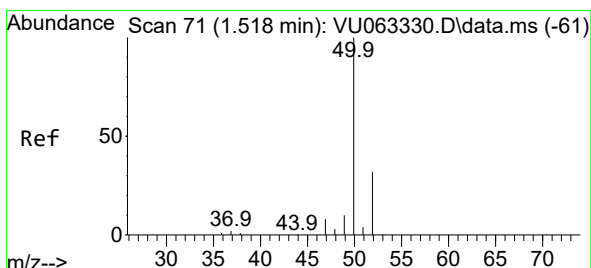
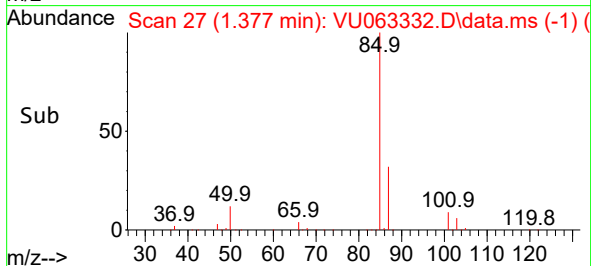
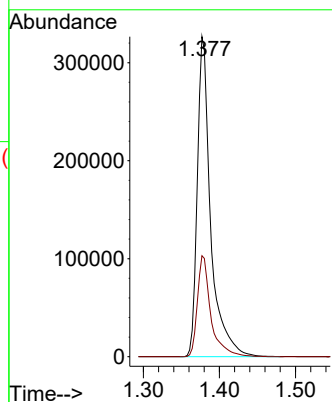
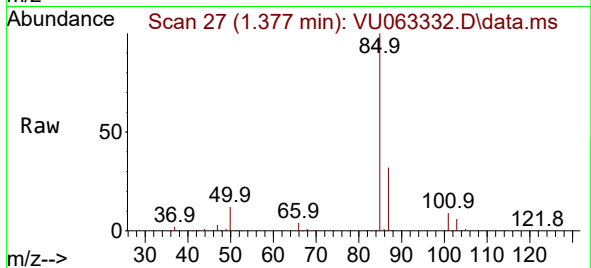
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 18.69 ug/L
RT: 1.377 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

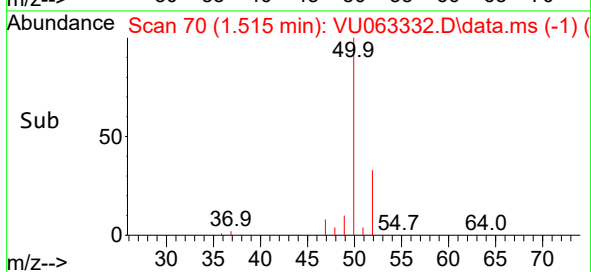
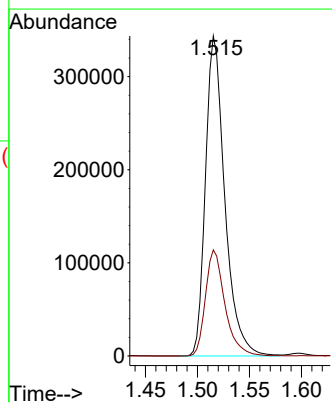
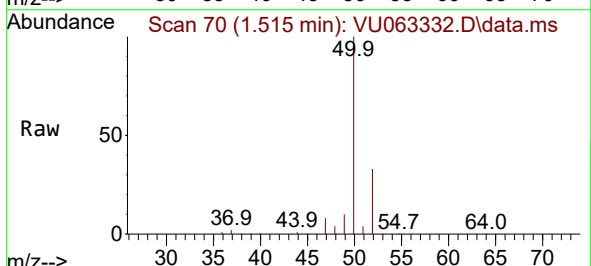
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

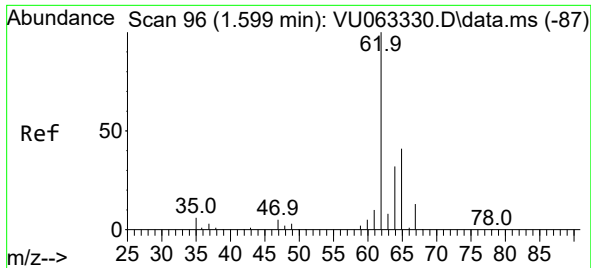
Tgt Ion: 85 Resp: 399275
Ion Ratio Lower Upper
85 100
87 31.8 25.3 37.9



#3
Chloromethane
Concen: 18.40 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 50 Resp: 443411
Ion Ratio Lower Upper
50 100
52 33.2 22.7 42.1

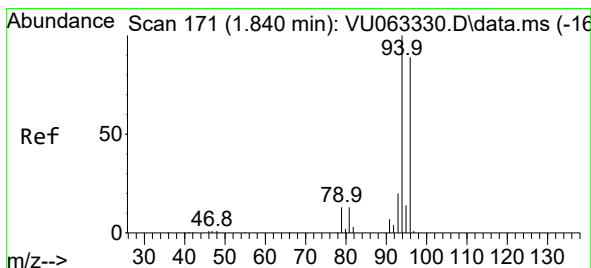
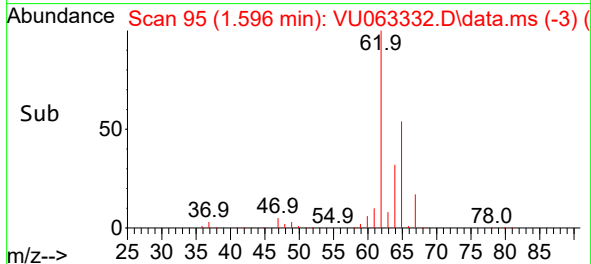
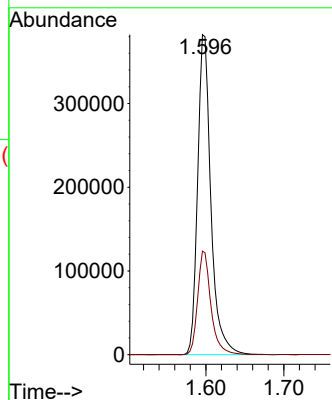
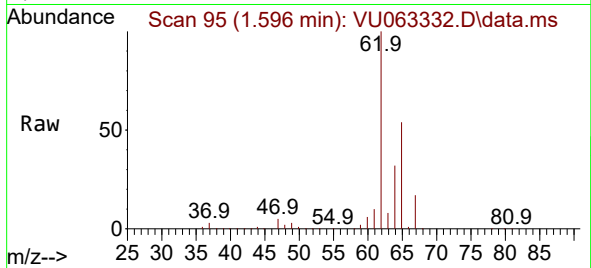




#5
 Vinyl chloride
 Concen: 18.73 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU063332.D
 Acq: 03 Apr 2025 16:25

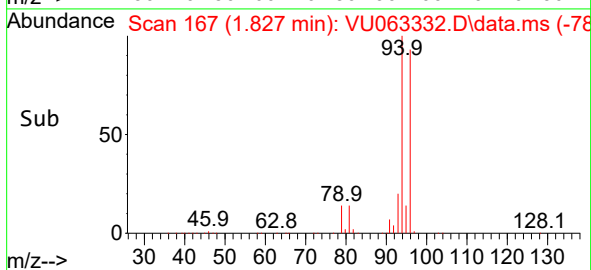
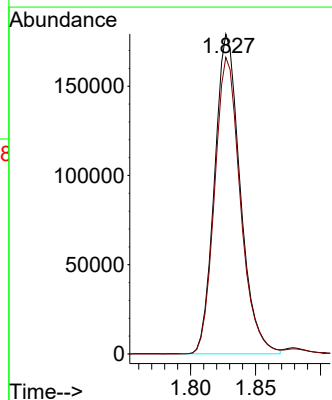
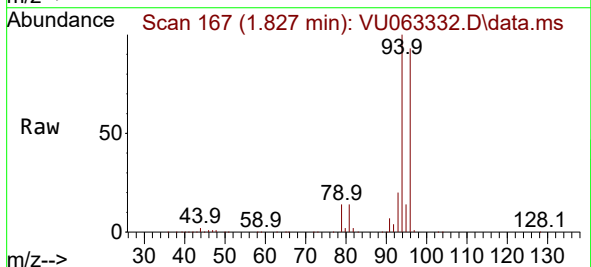
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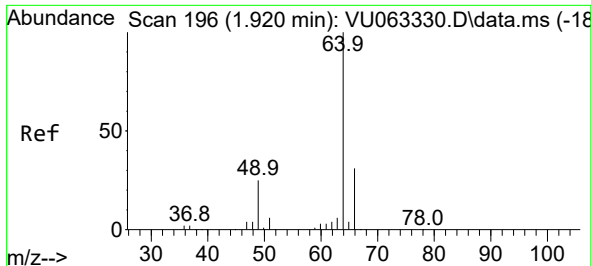
Tgt Ion: 62 Resp: 452326
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.1 41.1



#6
 Bromomethane
 Concen: 19.20 ug/L
 RT: 1.827 min Scan# 167
 Delta R.T. -0.013 min
 Lab File: VU063332.D
 Acq: 03 Apr 2025 16:25

Tgt Ion: 94 Resp: 245290
 Ion Ratio Lower Upper
 94 100
 96 92.7 62.1 115.3

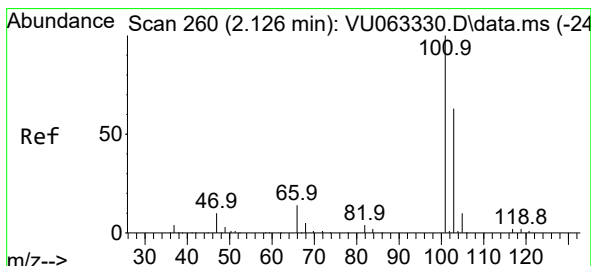
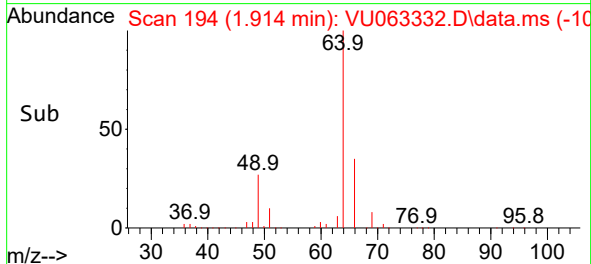
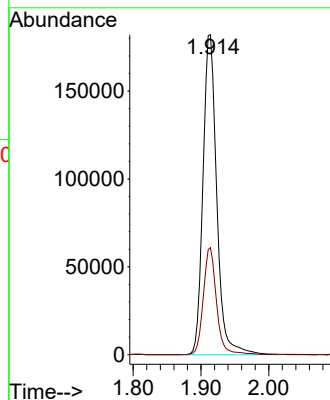
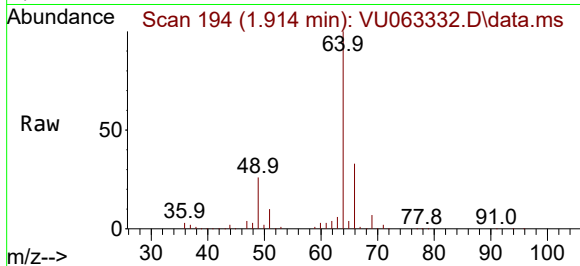




#8
Chloroethane
Concen: 18.68 ug/L
RT: 1.914 min Scan# 196
Delta R.T. -0.006 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

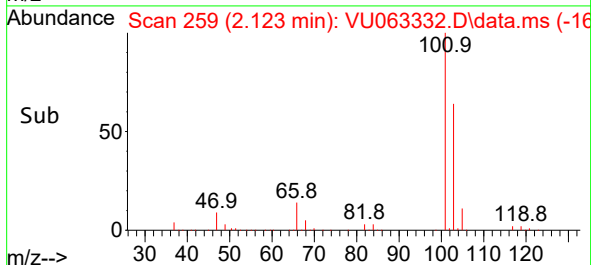
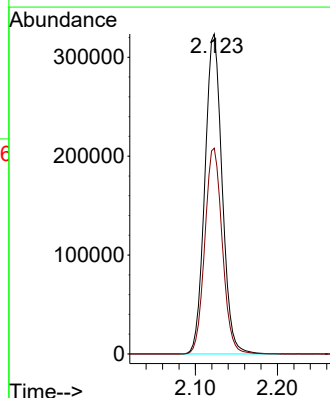
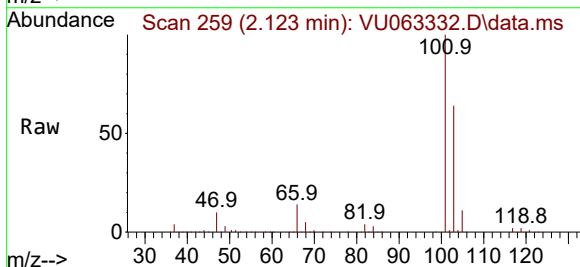
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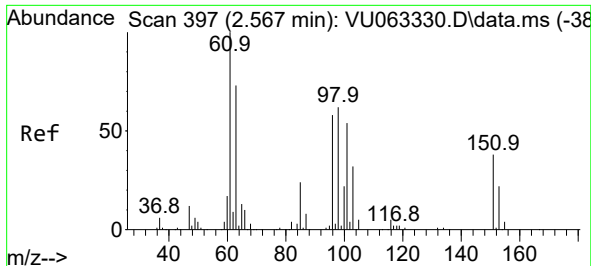
Tgt Ion: 64 Resp: 257081
Ion Ratio Lower Upper
64 100
66 33.5 21.9 40.7



#9
Trichlorofluoromethane
Concen: 18.55 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 101 Resp: 472266
Ion Ratio Lower Upper
101 100
103 65.1 50.9 76.3

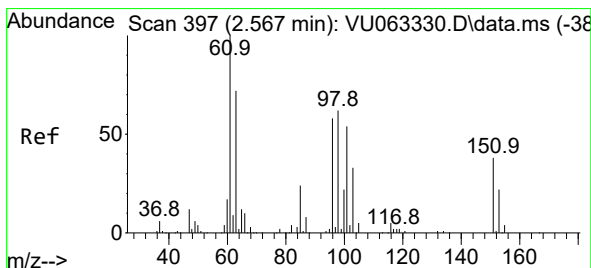
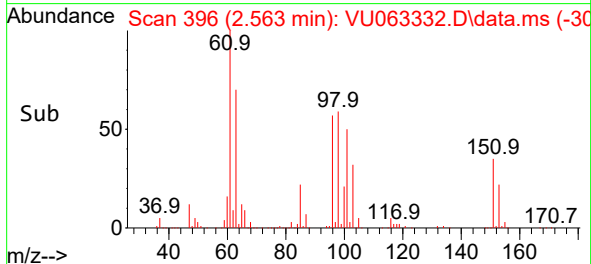
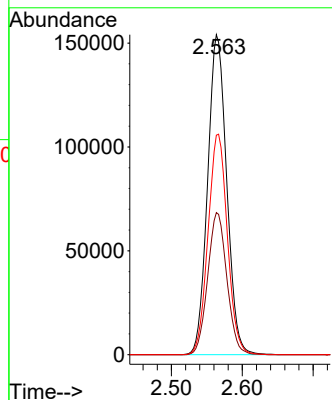
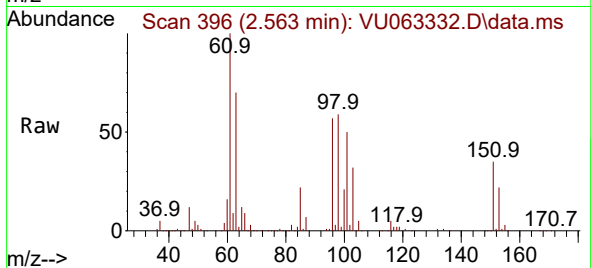




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.71 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

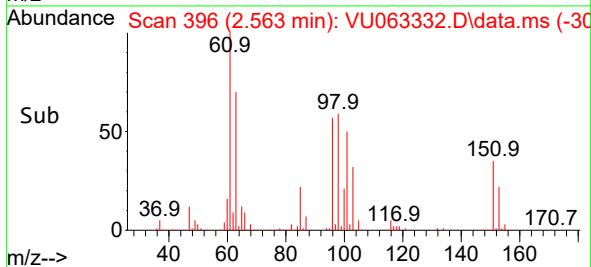
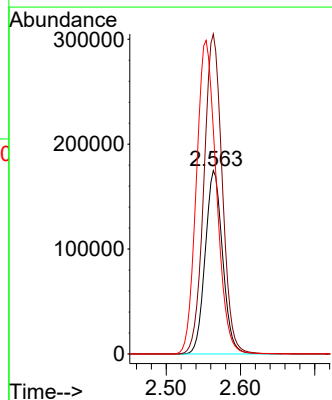
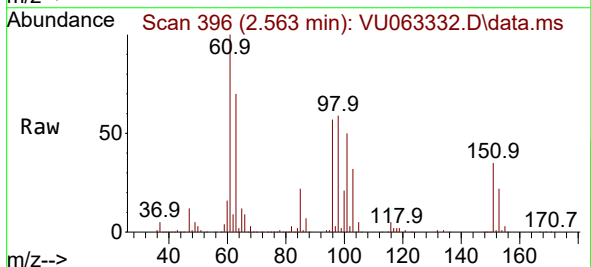
Instrument :
MSVOA_U
ClientSampleId :
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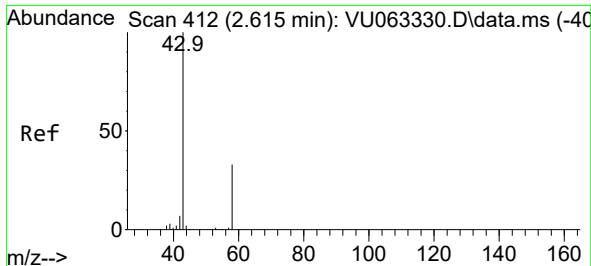
Tgt Ion:101 Resp: 287657
Ion Ratio Lower Upper
101 100
85 44.7 35.7 53.5
151 70.0 55.2 82.8



#12
1,1-Dichloroethene
Concen: 19.32 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 96 Resp: 284438
Ion Ratio Lower Upper
96 100
61 174.5 121.2 225.0
63 122.5 88.9 165.1





#13

Acetone

Concen: 185.99 ug/L

RT: 2.612 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

Instrument :

MSVOA_U

ClientSampleId :

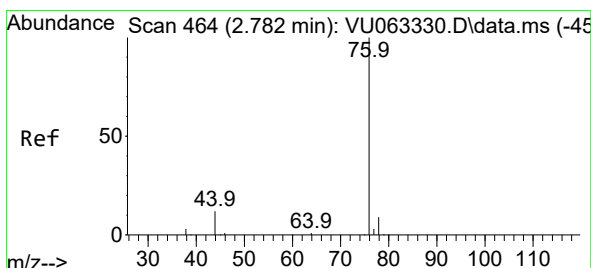
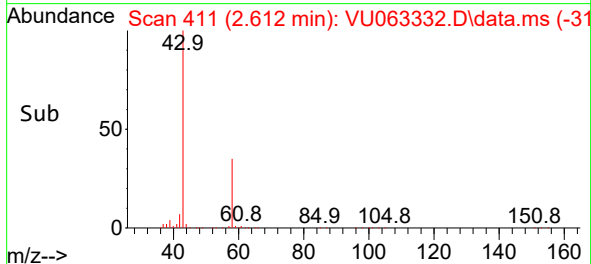
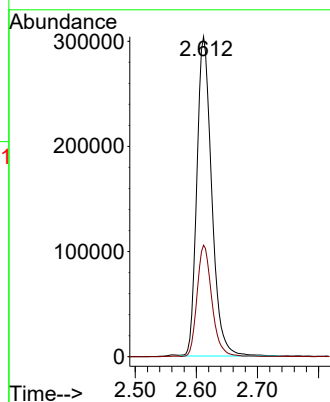
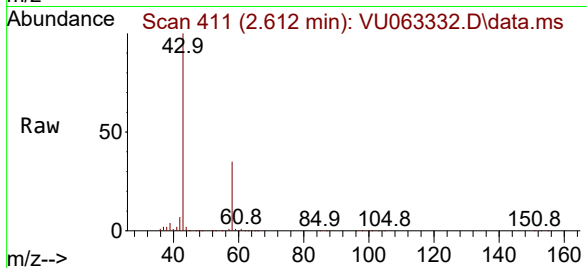
VSTD020016

Tgt Ion: 43 Resp: 513695

Ion Ratio Lower Upper

43 100

58 34.3 0.0 68.8



#14

Carbon disulfide

Concen: 18.91 ug/L

RT: 2.776 min Scan# 462

Delta R.T. -0.006 min

Lab File: VU063332.D

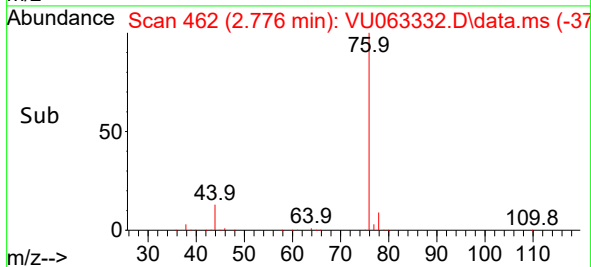
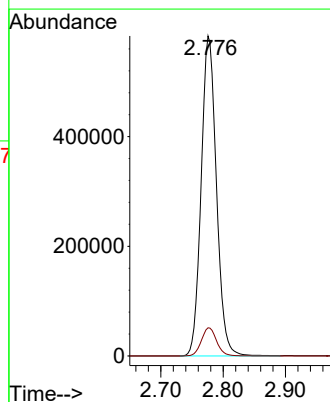
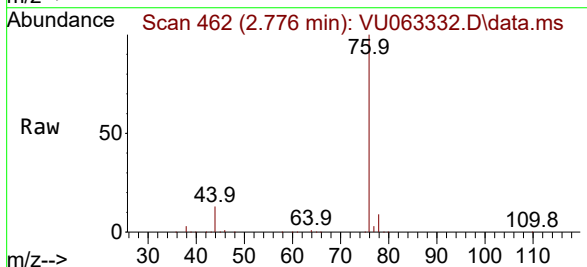
Acq: 03 Apr 2025 16:25

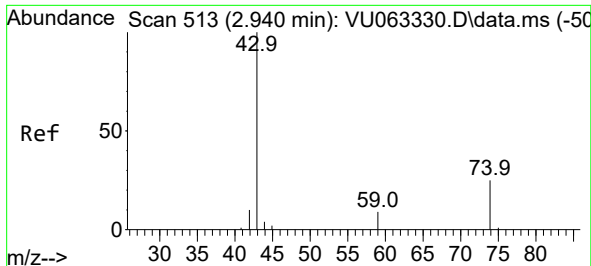
Tgt Ion: 76 Resp: 993873

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

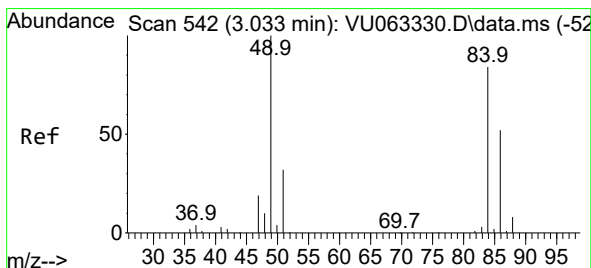
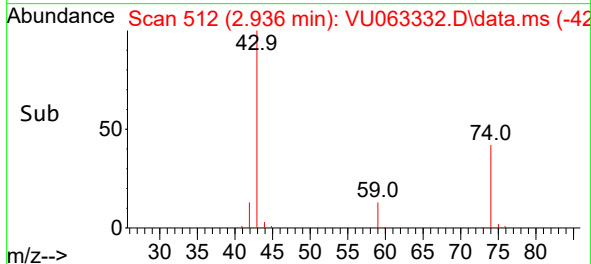
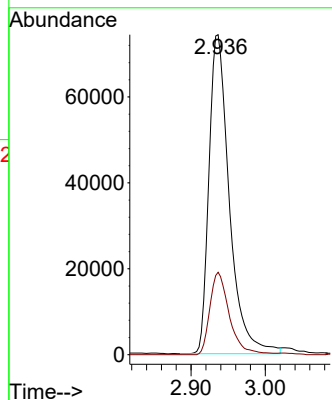
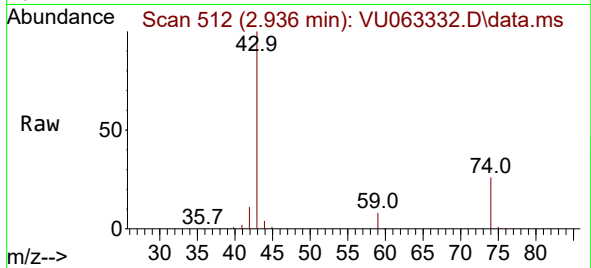




#15
Methyl Acetate
Concen: 19.38 ug/L
RT: 2.936 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

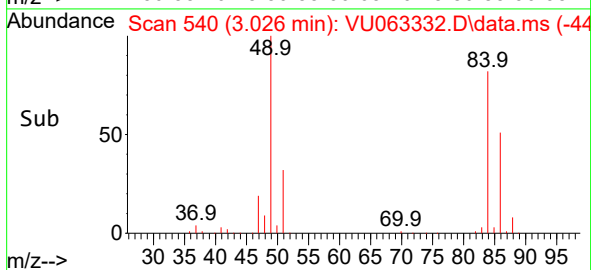
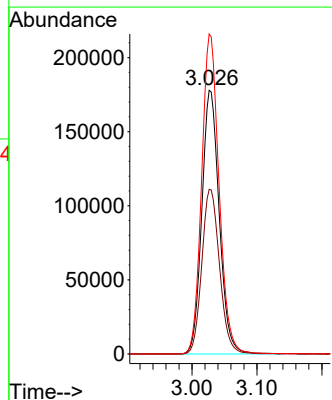
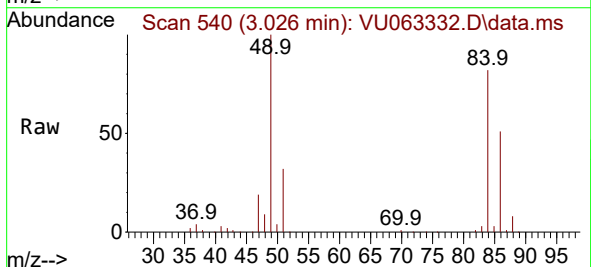
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MSVOA_U
ClientSampleId :
VSTD020016

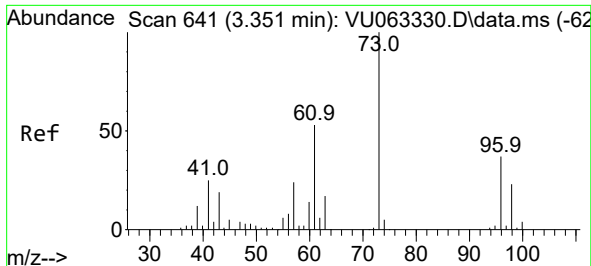
Tgt Ion: 43 Resp: 141484
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8



#16
Methylene chloride
Concen: 17.75 ug/L
RT: 3.026 min Scan# 540
Delta R.T. -0.006 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 84 Resp: 331871
Ion Ratio Lower Upper
84 100
86 62.4 43.3 80.5
49 121.3 83.4 154.8

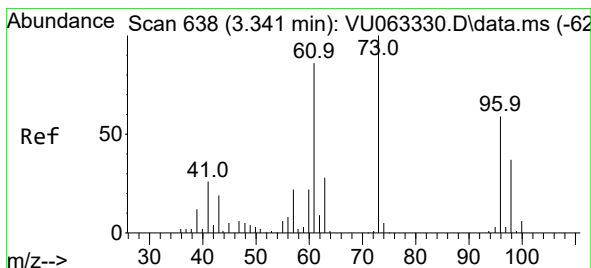
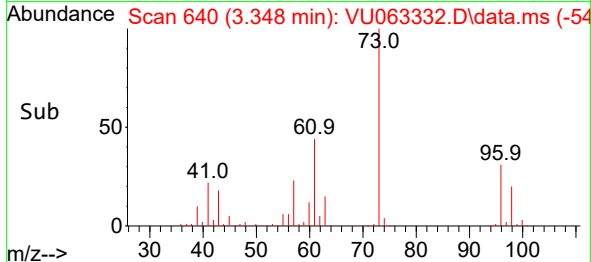
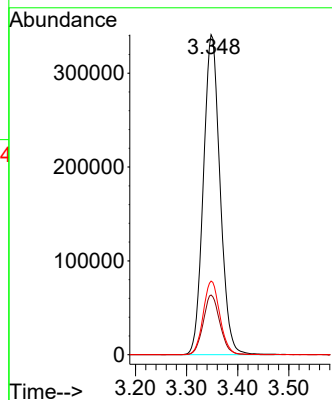
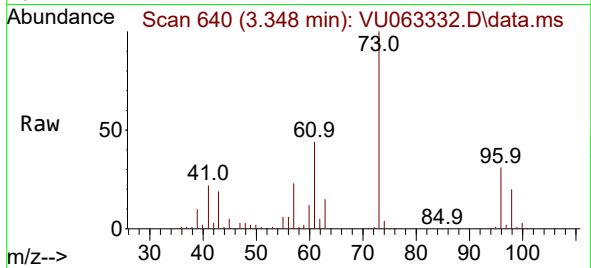




#17
Methyl tert-butyl Ether
Concen: 20.62 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

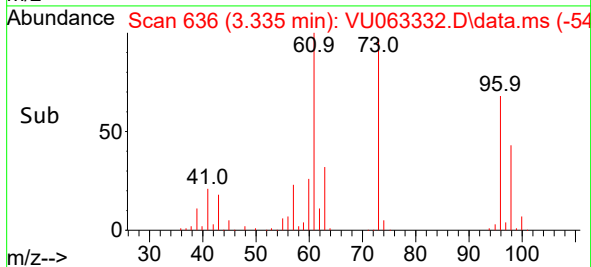
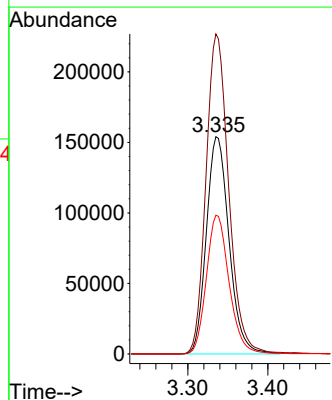
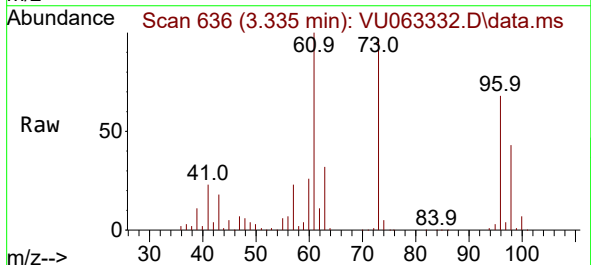
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

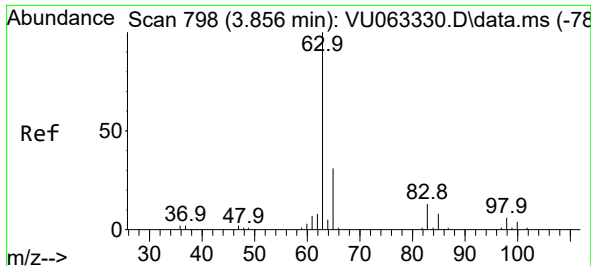
Tgt Ion: 73 Resp: 773038
Ion Ratio Lower Upper
73 100
43 18.5 15.5 23.3
57 22.9 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 19.34 ug/L
RT: 3.335 min Scan# 636
Delta R.T. -0.006 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 96 Resp: 304603
Ion Ratio Lower Upper
96 100
61 147.2 101.8 189.0
98 63.8 43.2 80.2





#19

1,1-Dichloroethane

Concen: 19.04 ug/L

RT: 3.850 min Scan# 798

Delta R.T. -0.006 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD020016

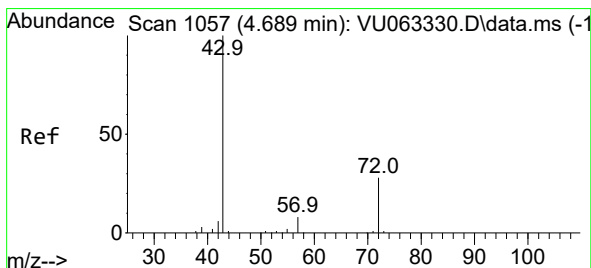
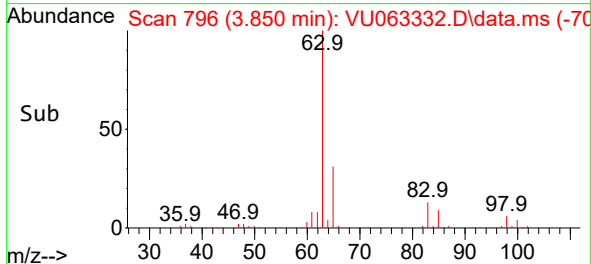
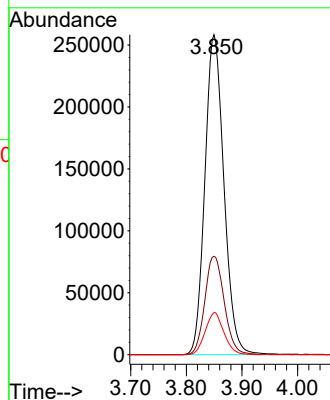
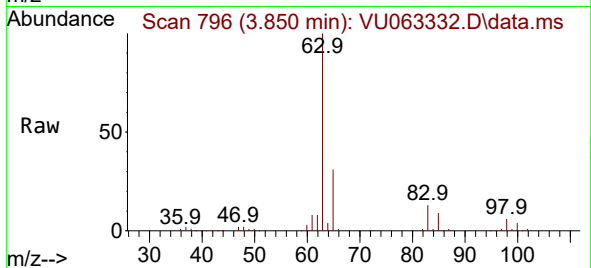
Tgt Ion: 63 Resp: 614683

Ion Ratio Lower Upper

63 100

65 30.8 21.5 39.9

83 13.2 8.8 16.4



#21

2-Butanone

Concen: 215.32 ug/L

RT: 4.682 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VU063332.D

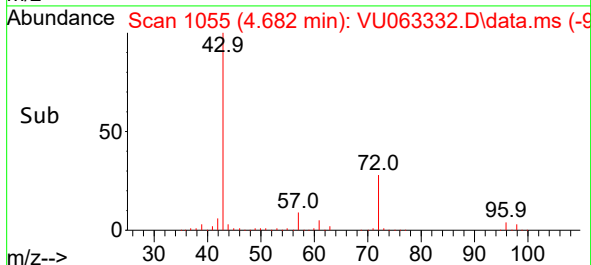
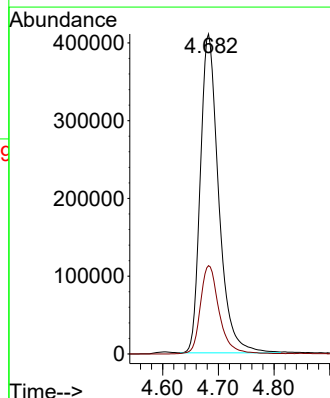
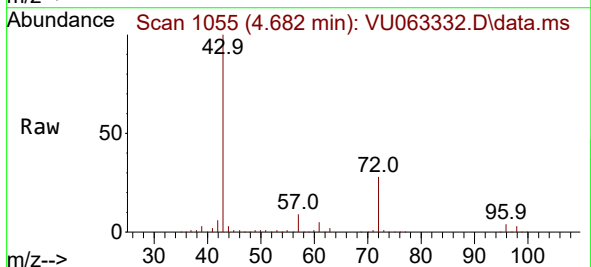
Acq: 03 Apr 2025 16:25

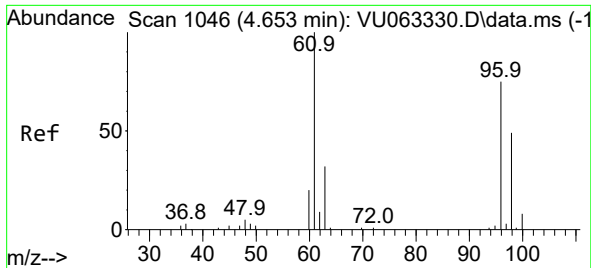
Tgt Ion: 43 Resp: 937742

Ion Ratio Lower Upper

43 100

72 28.5 14.0 42.0

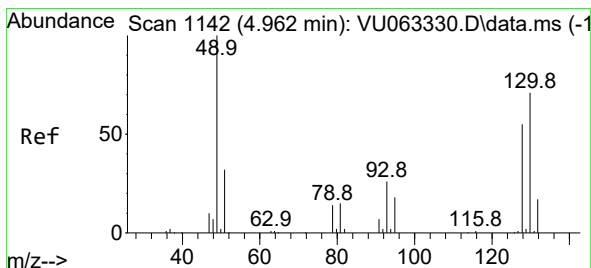
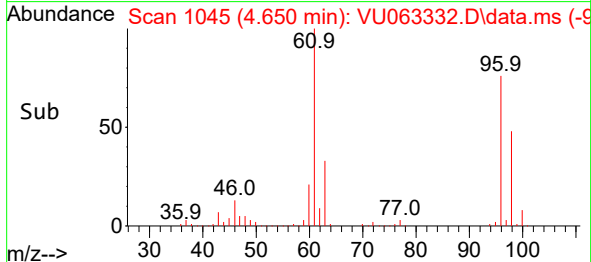
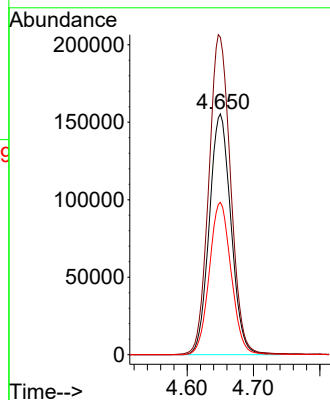
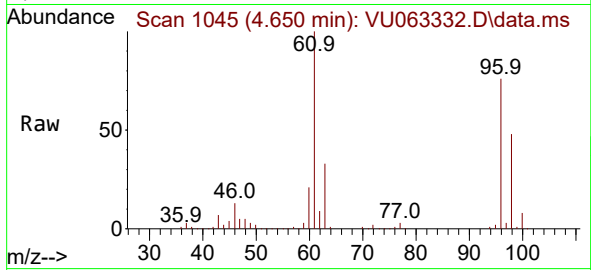




#22
cis-1,2-Dichloroethene
Concen: 20.07 ug/L
RT: 4.650 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

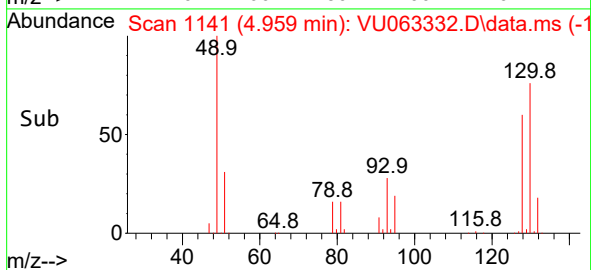
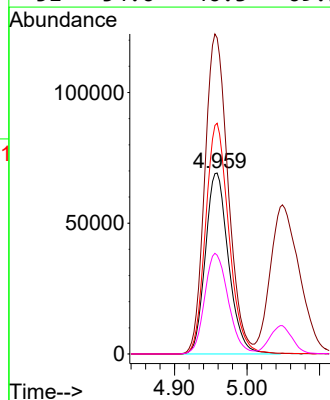
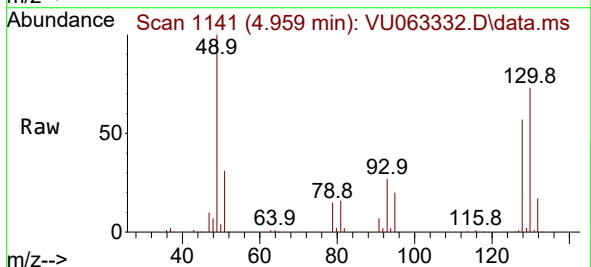
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

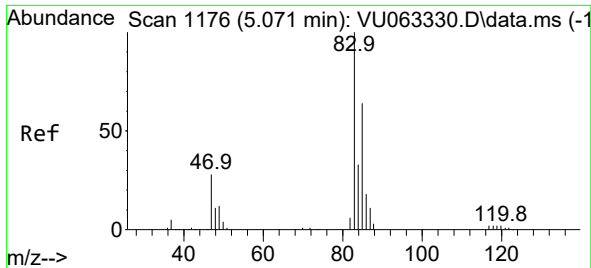
Tgt Ion: 96 Resp: 353190
Ion Ratio Lower Upper
96 100
61 131.8 93.3 173.3
98 63.2 45.4 84.4



#23
Bromochloromethane
Concen: 18.81 ug/L
RT: 4.959 min Scan# 1141
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion:128 Resp: 153147
Ion Ratio Lower Upper
128 100
49 174.6 128.4 238.4
130 127.4 91.3 169.6
51 54.6 46.3 69.5

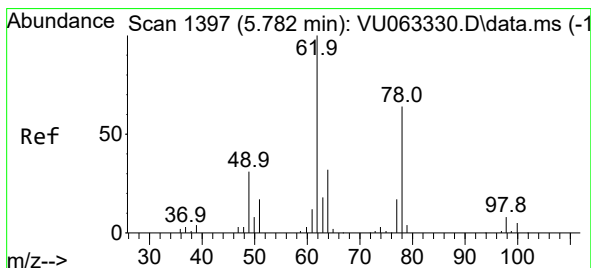
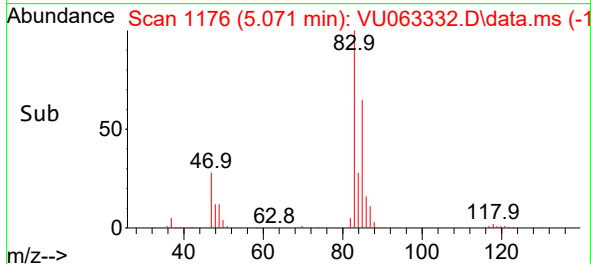
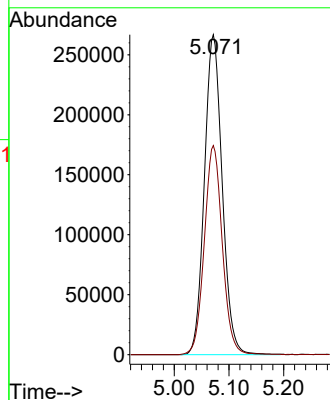
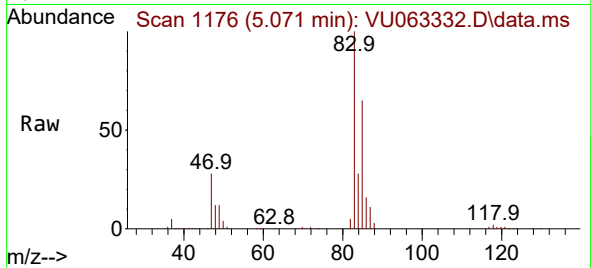




#25
Chloroform
Concen: 18.73 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

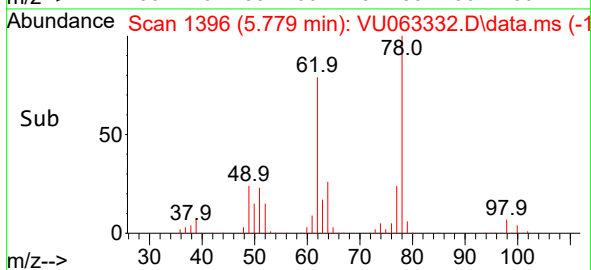
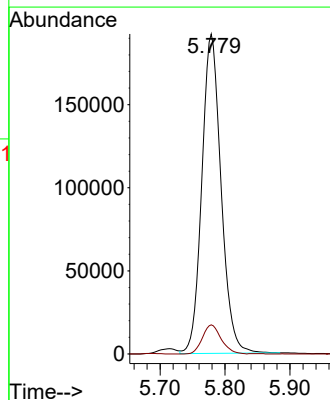
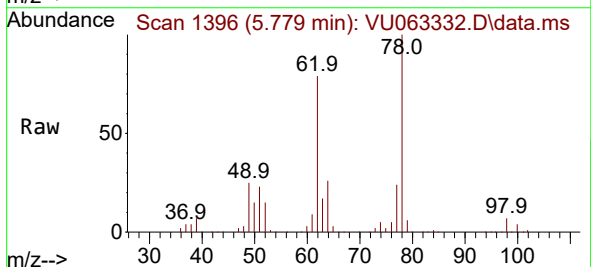
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

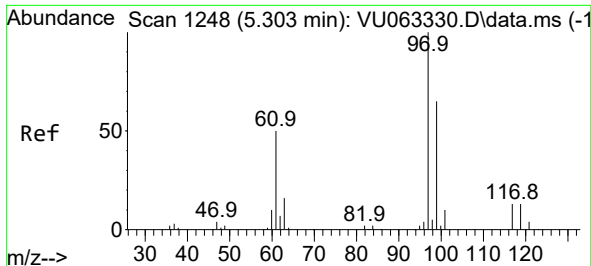
Tgt Ion: 83 Resp: 603021
Ion Ratio Lower Upper
83 100
85 65.3 44.5 82.7



#27
1,2-Dichloroethane
Concen: 19.30 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 62 Resp: 396744
Ion Ratio Lower Upper
62 100
98 9.1 6.3 9.5





#29

1,1,1-Trichloroethane

Concen: 19.17 ug/L

RT: 5.300 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD020016

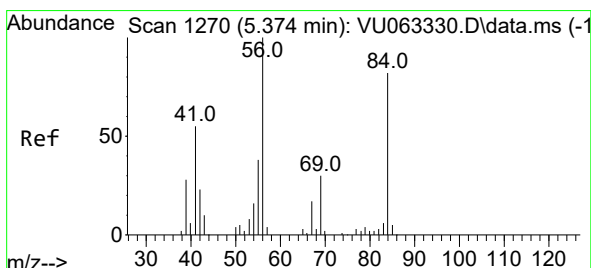
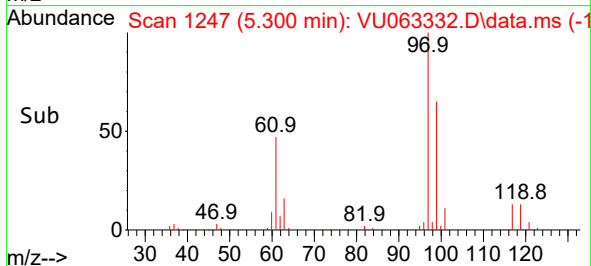
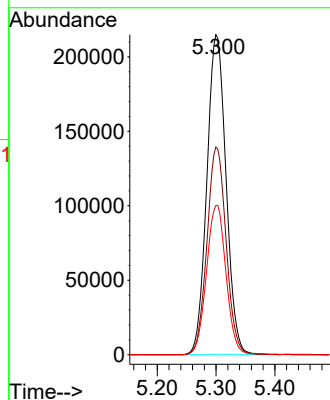
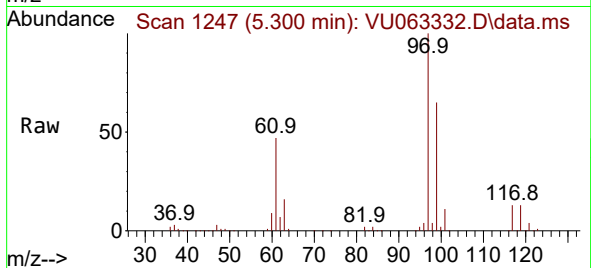
Tgt Ion: 97 Resp: 487043

Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 47.6 39.0 58.6



#30

Cyclohexane

Concen: 21.59 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

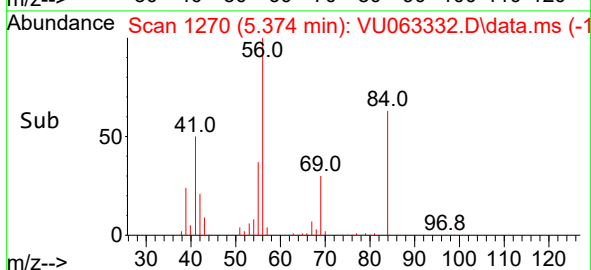
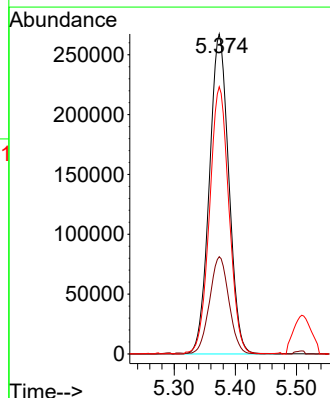
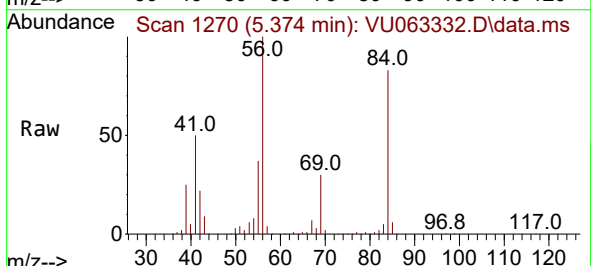
Tgt Ion: 56 Resp: 590245

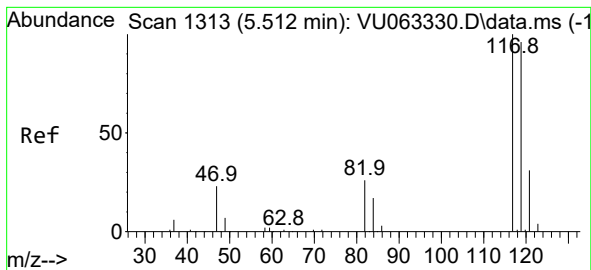
Ion Ratio Lower Upper

56 100

69 30.4 24.3 36.5

84 83.6 66.8 100.2

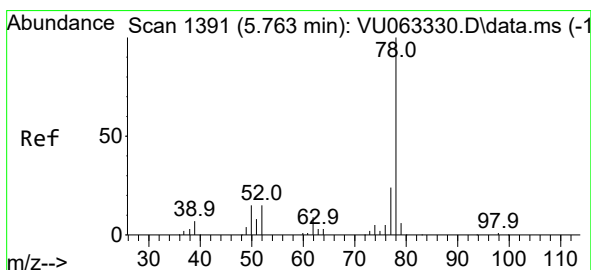
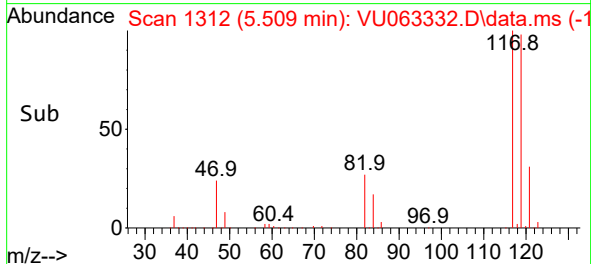
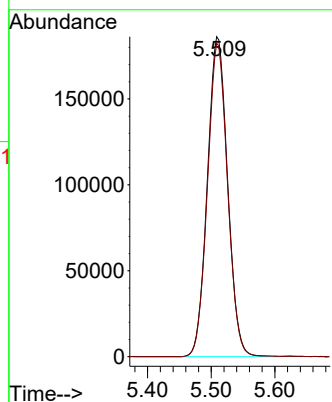
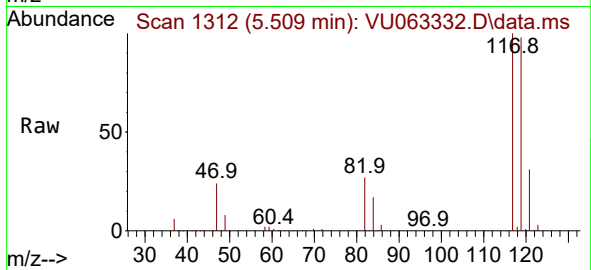




#31
Carbon tetrachloride
Concen: 18.91 ug/L
RT: 5.509 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

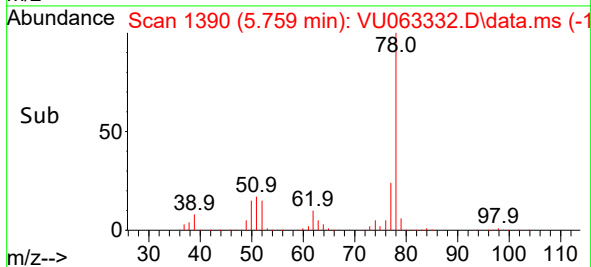
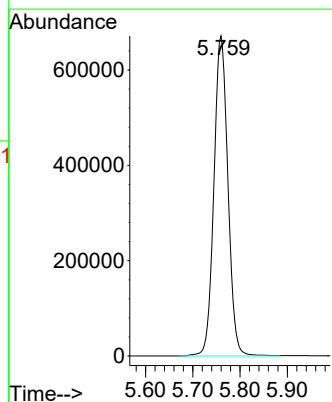
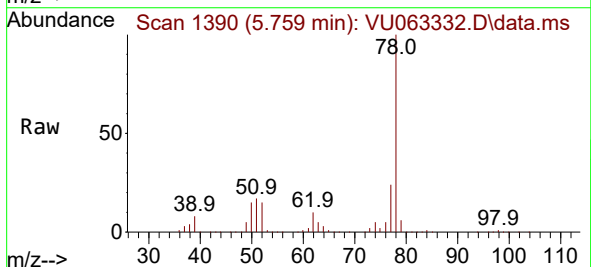
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

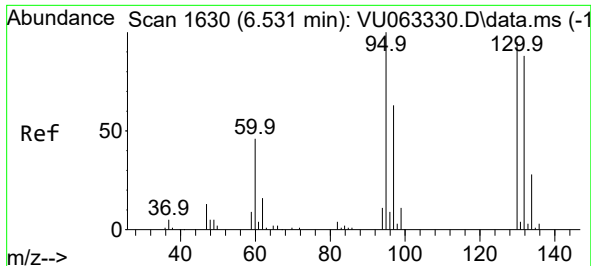
Tgt Ion:117 Resp: 411825
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7



#33
Benzene
Concen: 19.67 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 78 Resp: 1383307

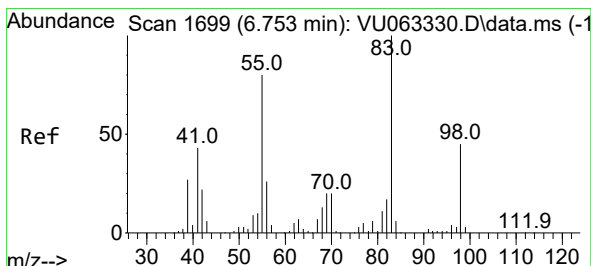
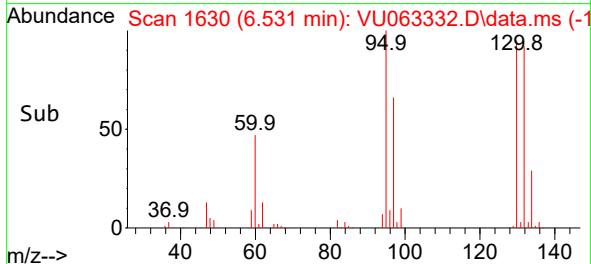
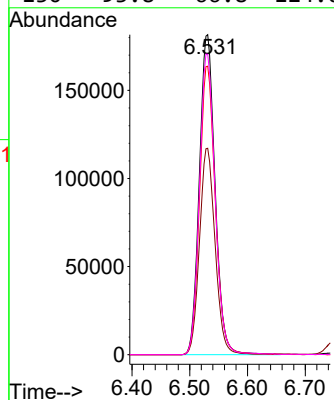
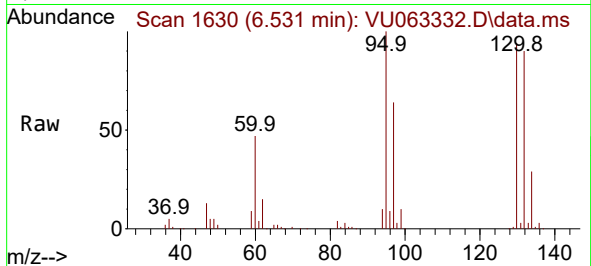




#34
Trichloroethene
Concen: 19.40 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

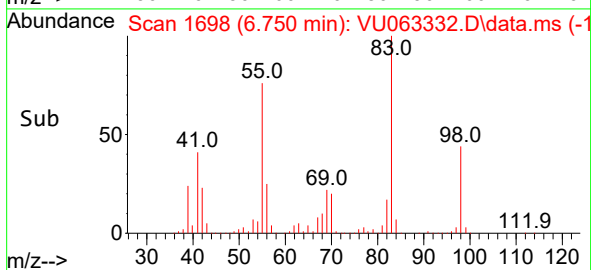
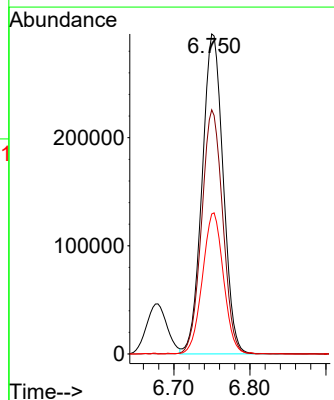
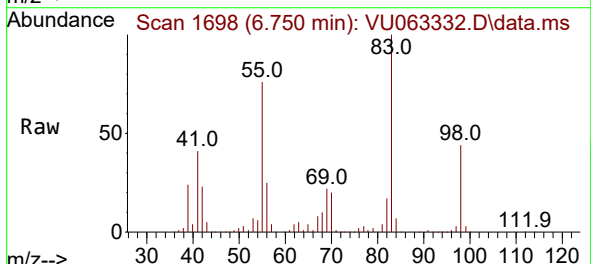
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

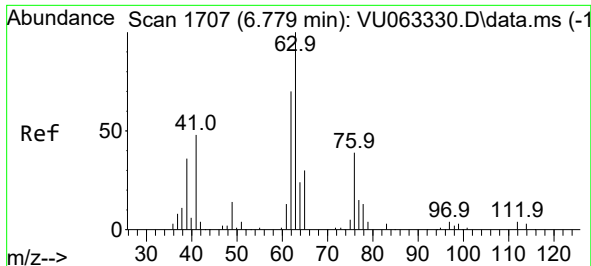
Tgt Ion: 95 Resp: 344804
Ion Ratio Lower Upper
95 100
97 64.5 44.4 82.4
132 90.1 61.5 114.3
130 93.8 66.8 124.0



#35
Methylcyclohexane
Concen: 21.95 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 83 Resp: 568542
Ion Ratio Lower Upper
83 100
55 76.4 63.1 94.7
98 44.1 35.5 53.3





#37

1,2-Dichloropropane

Concen: 19.35 ug/L

RT: 6.775 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

Instrument :

MSVOA_U

ClientSampleId :

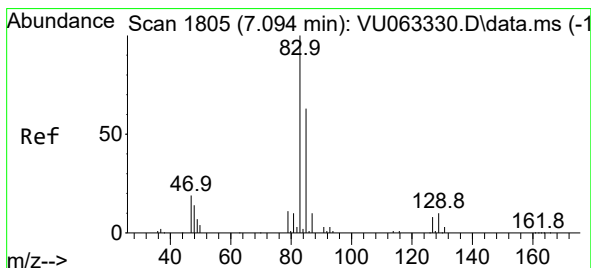
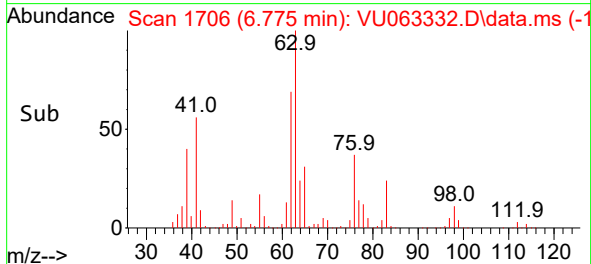
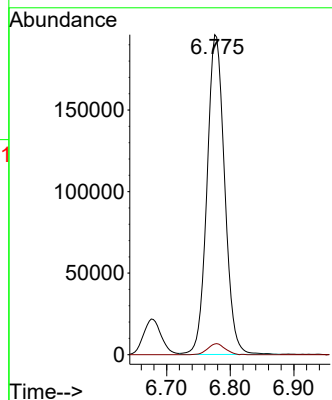
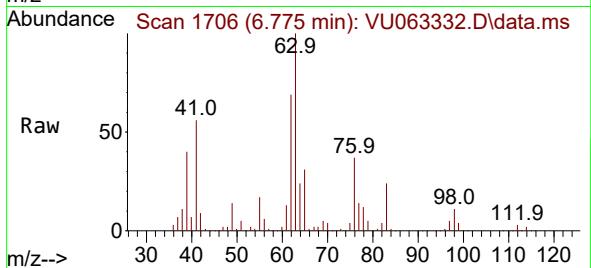
VSTD020016

Tgt Ion: 63 Resp: 377083

Ion Ratio Lower Upper

63 100

112 3.4 2.6 4.0



#38

Bromodichloromethane

Concen: 18.93 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

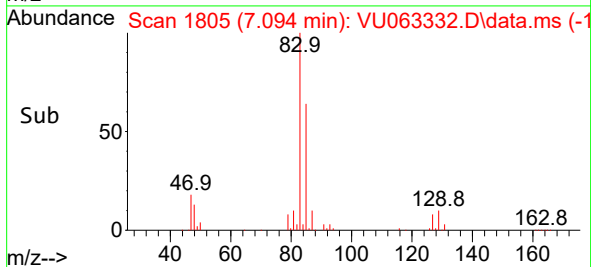
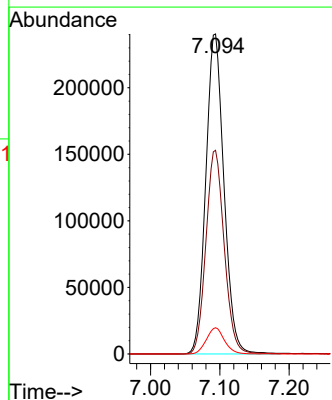
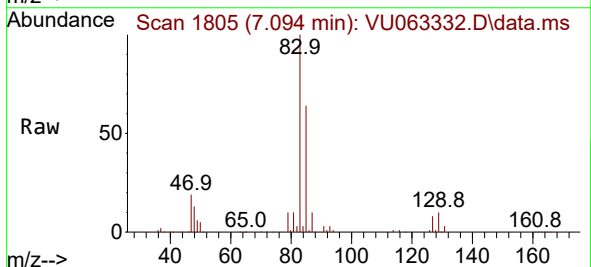
Tgt Ion: 83 Resp: 437567

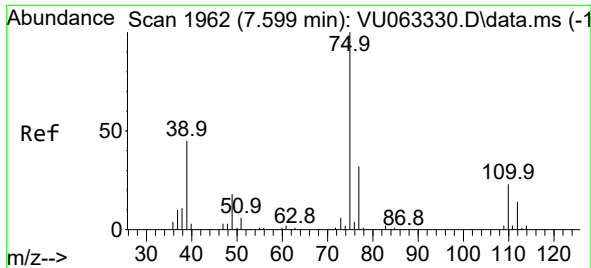
Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.0

127 8.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 21.26 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

Instrument :

MSVOA_U

ClientSampleId :

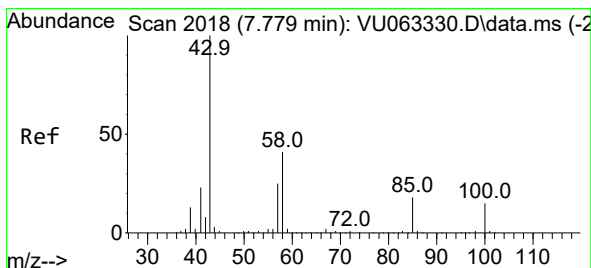
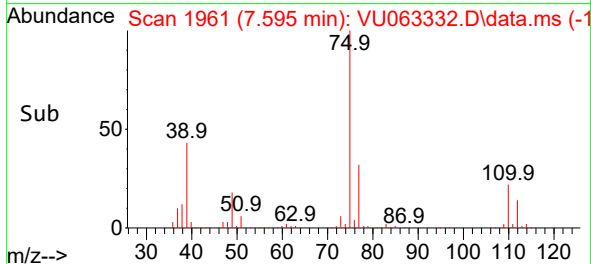
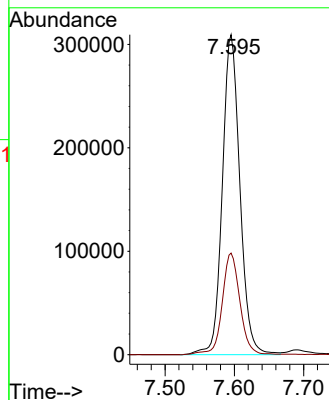
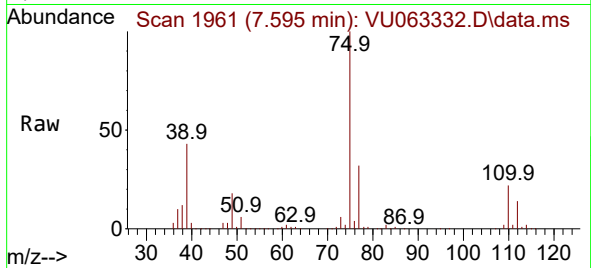
VSTD020016

Tgt Ion: 75 Resp: 546736

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 216.52 ug/L

RT: 7.779 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

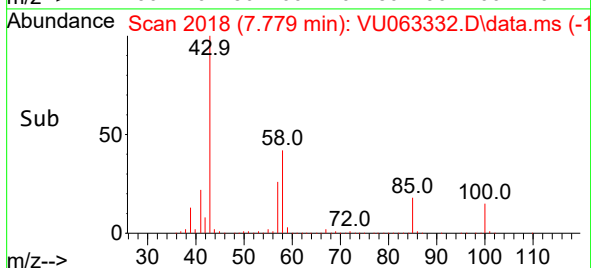
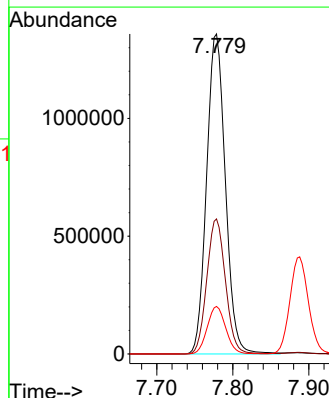
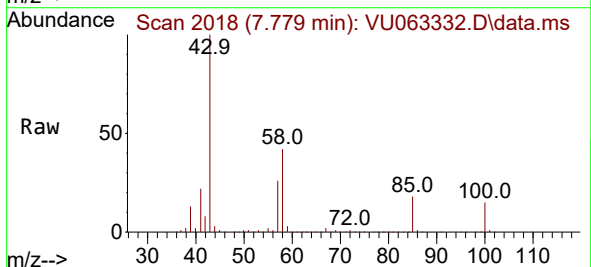
Tgt Ion: 43 Resp: 2327732

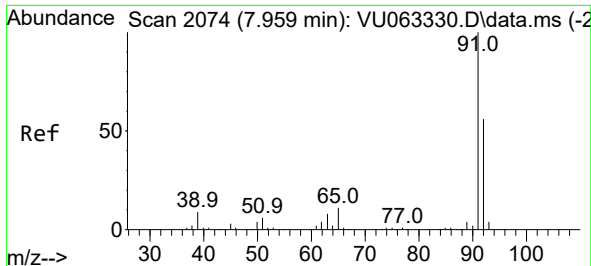
Ion Ratio Lower Upper

43 100

58 42.0 32.9 49.3

100 14.7 11.5 17.3

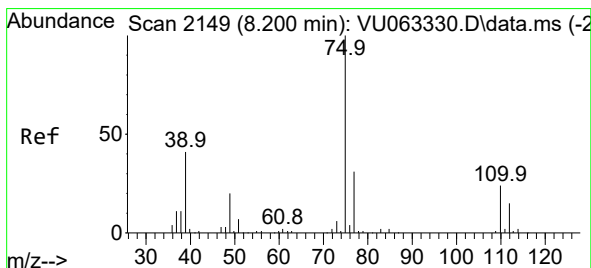
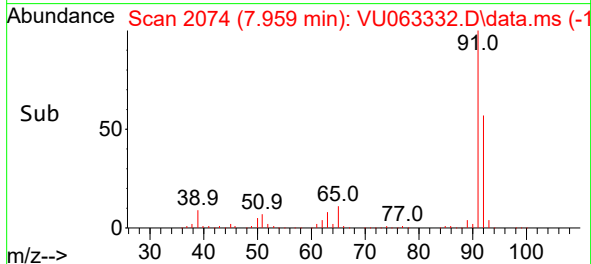
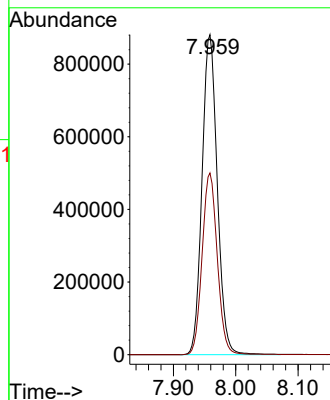
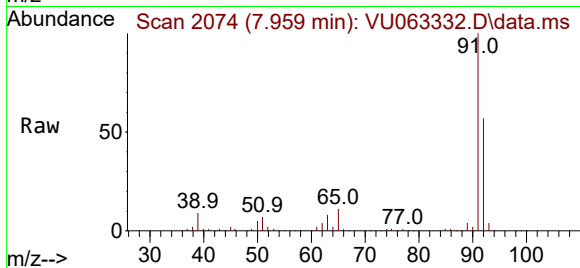




#42
Toluene
Concen: 20.57 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

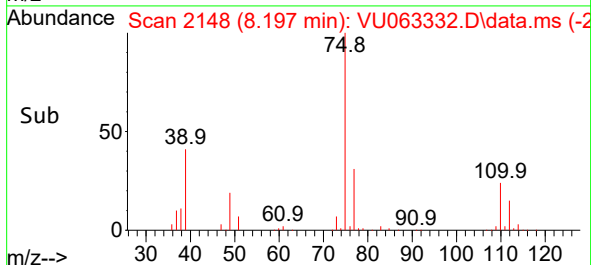
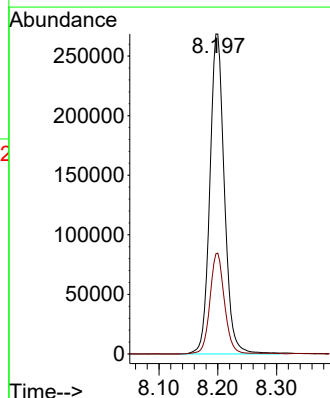
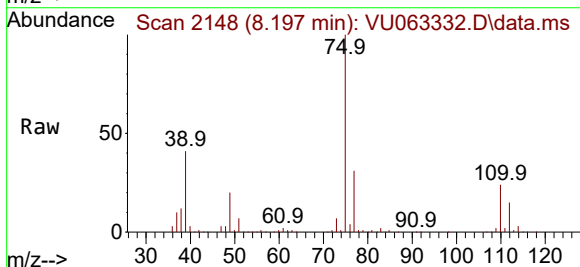
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

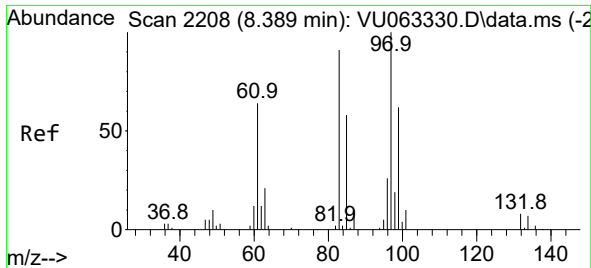
Tgt Ion: 91 Resp: 1497469
Ion Ratio Lower Upper
91 100
92 56.8 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 21.16 ug/L
RT: 8.197 min Scan# 2148
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 75 Resp: 461220
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.6



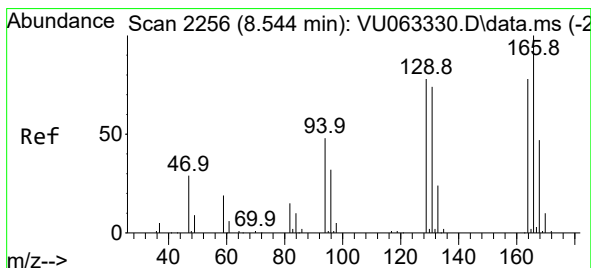
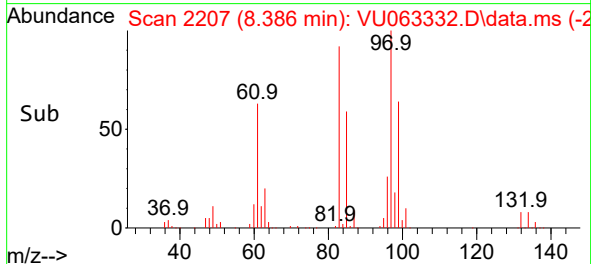
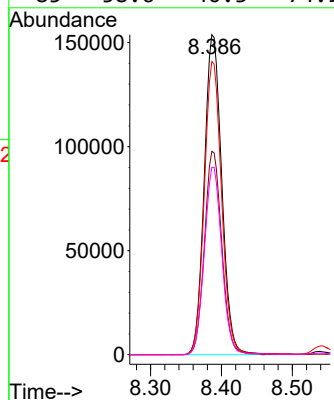
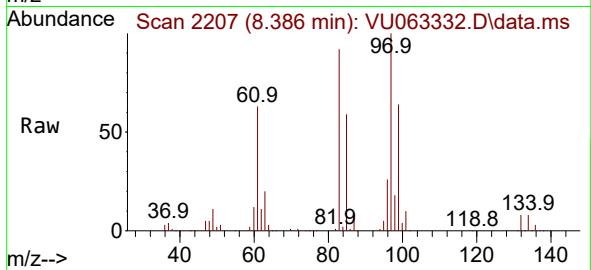


#45
1,1,2-Trichloroethane
Concen: 19.37 ug/L
RT: 8.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

Tgt Ion: 97 Resp: 264102

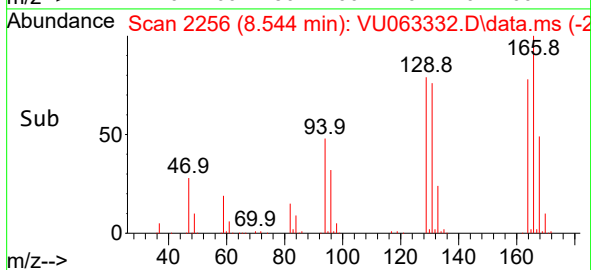
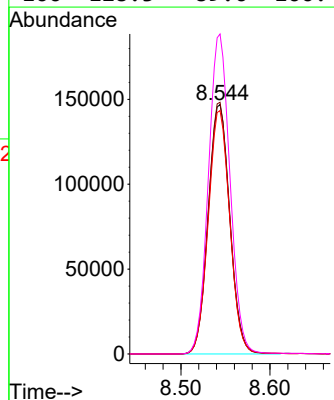
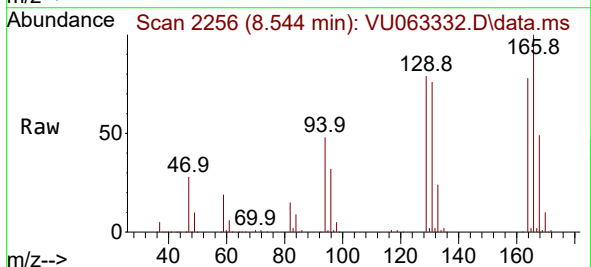
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.8	81.3
83	91.6	63.5	117.9
85	58.6	40.3	74.9

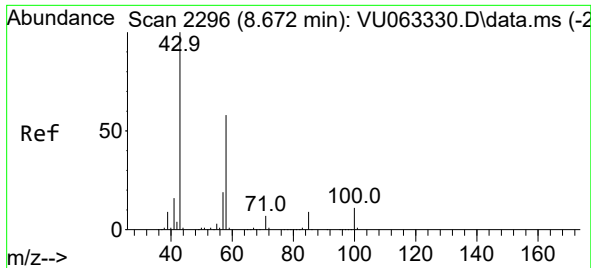


#47
Tetrachloroethene
Concen: 19.53 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 164 Resp: 248332

Ion	Ratio	Lower	Upper
164	100		
129	100.9	69.9	129.9
131	97.6	66.1	122.7
166	128.3	89.6	166.4

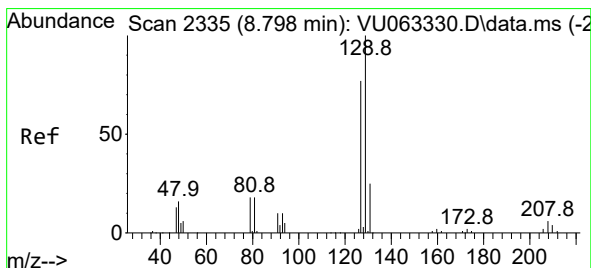
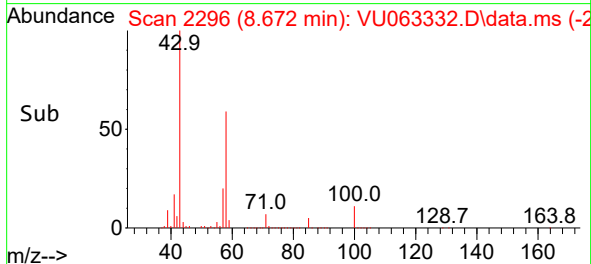
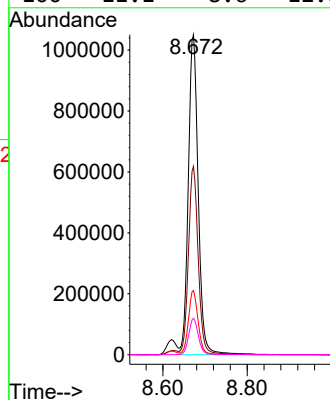
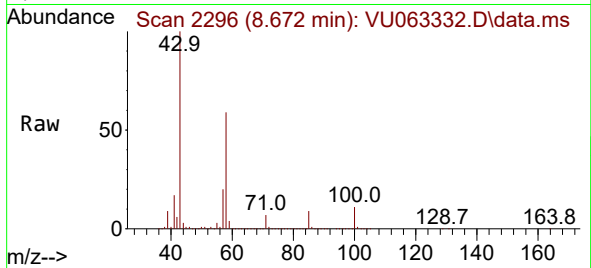




#48
2-Hexanone
Concen: 226.49 ug/L
RT: 8.672 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

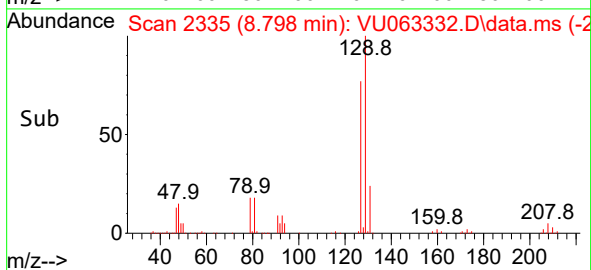
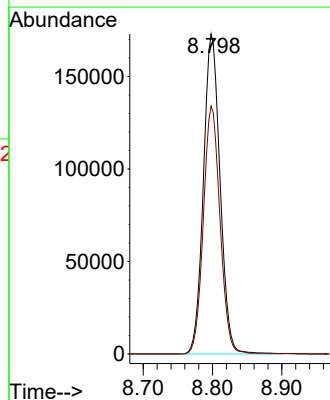
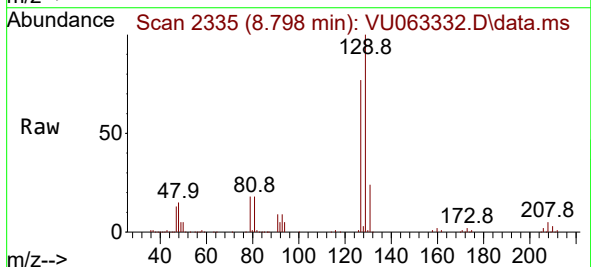
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

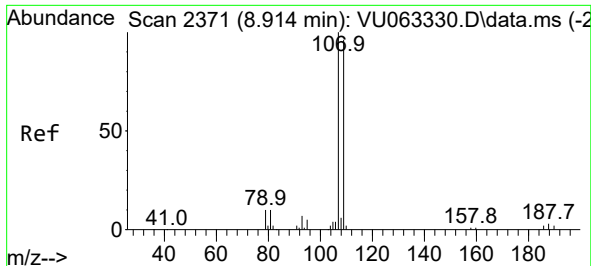
Tgt Ion: 43 Resp: 1713420
Ion Ratio Lower Upper
43 100
58 57.0 45.7 68.5
57 19.5 15.2 22.8
100 11.1 8.6 12.8



#49
Dibromochloromethane
Concen: 19.82 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 129 Resp: 288811
Ion Ratio Lower Upper
129 100
127 77.5 53.8 100.0

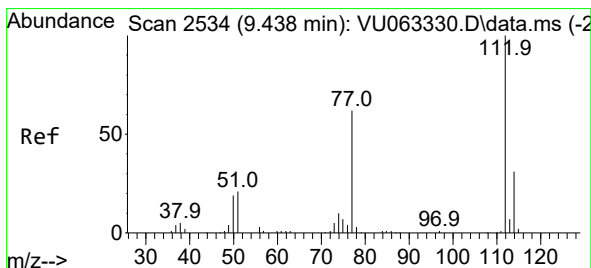
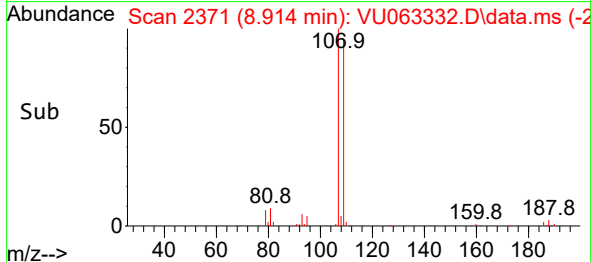
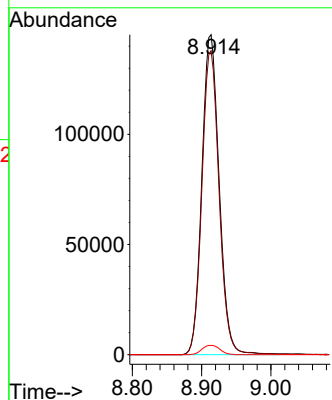
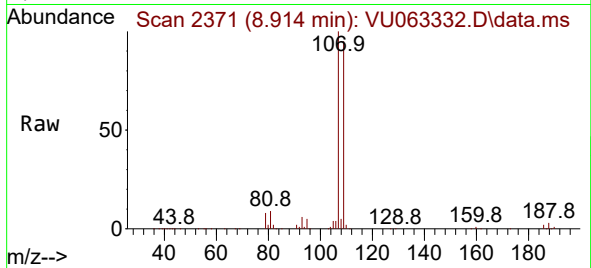




#50
1,2-Dibromoethane
Concen: 19.97 ug/L
RT: 8.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

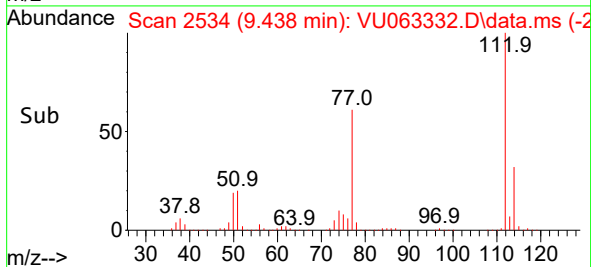
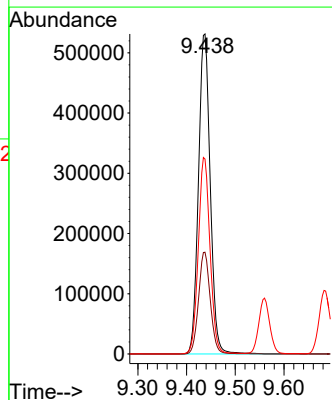
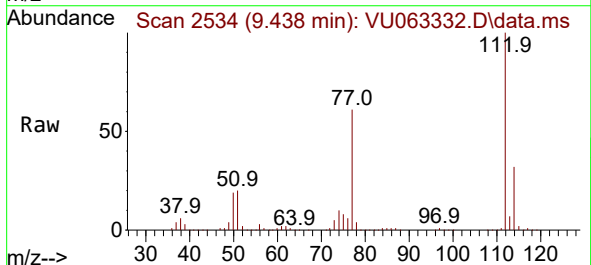
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

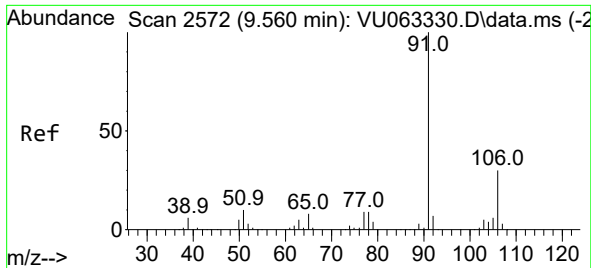
Tgt Ion:107 Resp: 252192
Ion Ratio Lower Upper
107 100
109 95.0 67.2 124.8
188 2.9 2.5 3.7



#51
Chlorobenzene
Concen: 19.79 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion:112 Resp: 893515
Ion Ratio Lower Upper
112 100
114 31.8 21.7 40.3
77 60.9 49.8 74.6

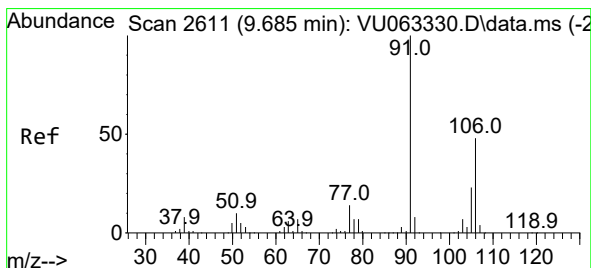
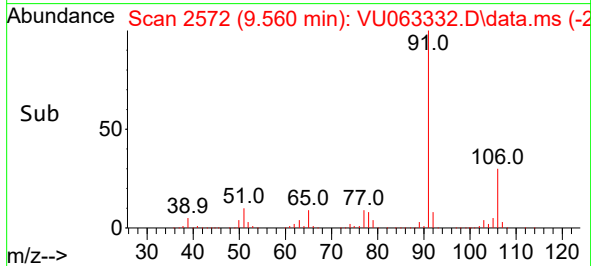
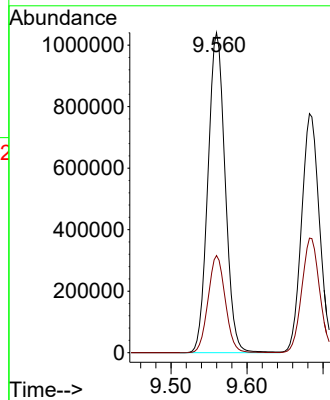
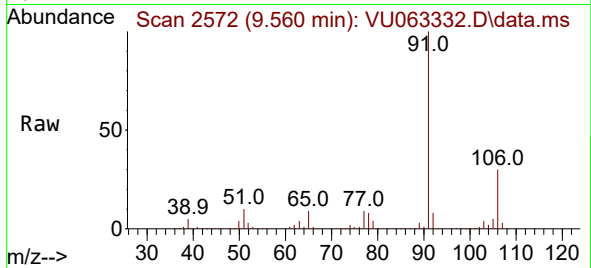




#52
Ethylbenzene
Concen: 22.02 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

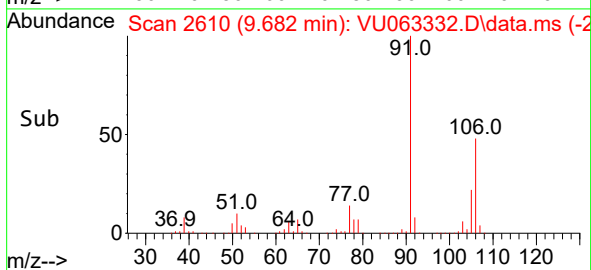
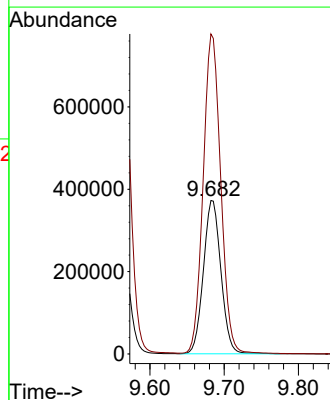
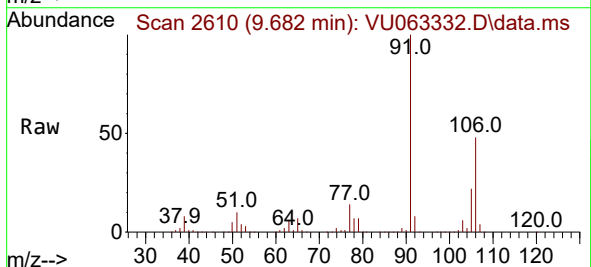
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

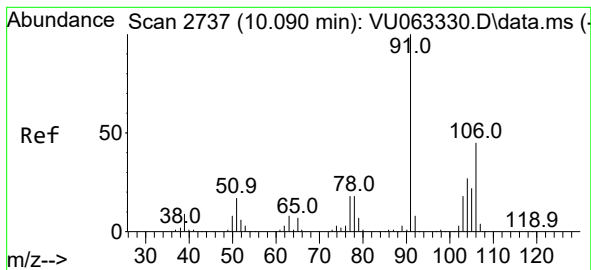
Tgt Ion: 91 Resp: 1633773
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.1



#53
m,p-Xylene
Concen: 22.53 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion: 106 Resp: 610514
Ion Ratio Lower Upper
106 100
91 208.6 146.3 271.7





#54

o-Xylene

Concen: 22.85 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

Instrument :

MSVOA_U

ClientSampleId :

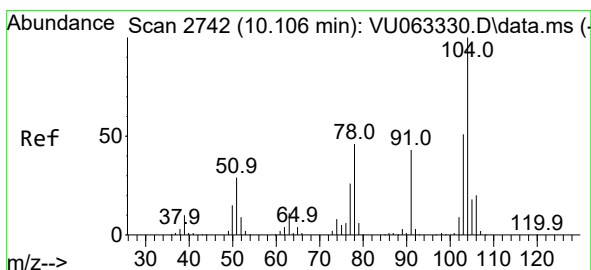
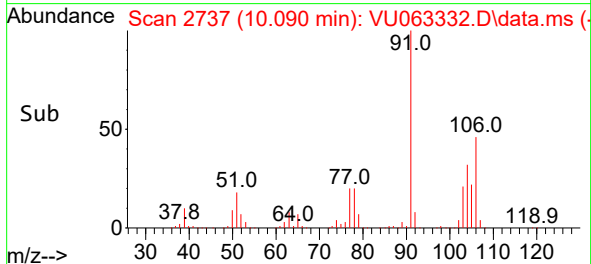
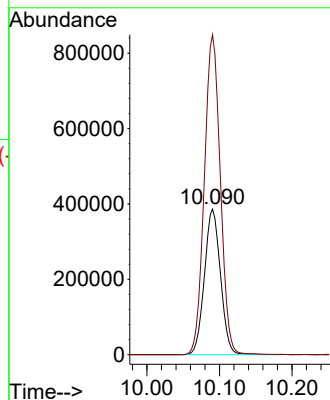
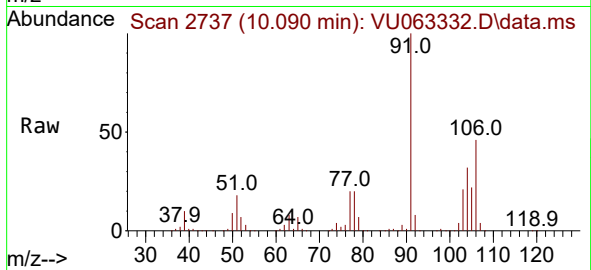
VSTD020016

Tgt Ion:106 Resp: 593769

Ion Ratio Lower Upper

106 100

91 219.8 155.6 289.0



#55

Styrene

Concen: 23.76 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.003 min

Lab File: VU063332.D

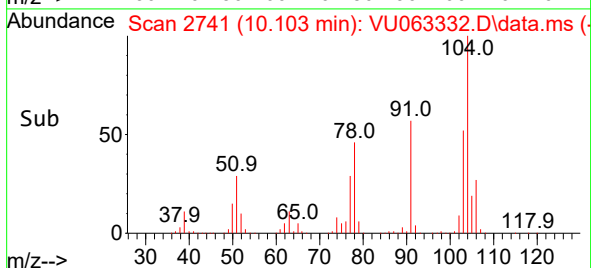
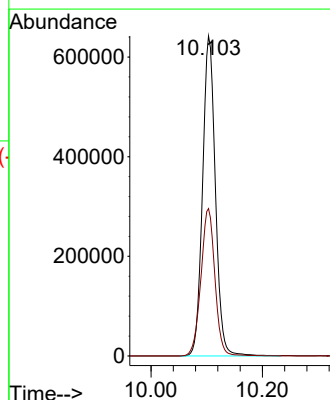
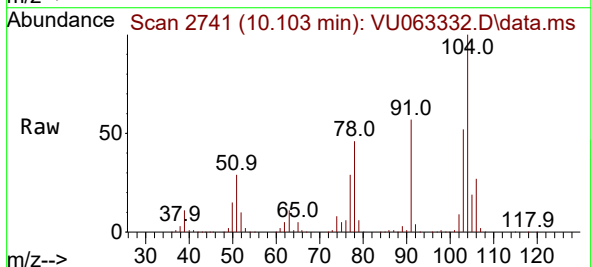
Acq: 03 Apr 2025 16:25

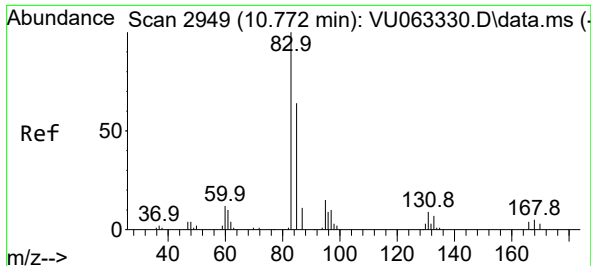
Tgt Ion:104 Resp: 1028324

Ion Ratio Lower Upper

104 100

78 46.0 32.1 59.5

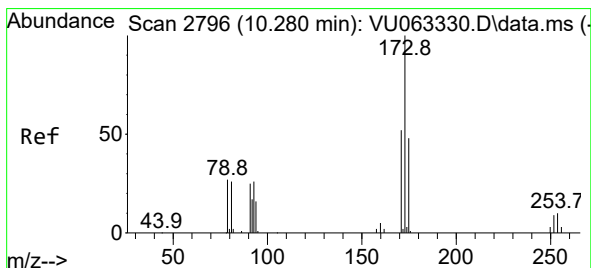
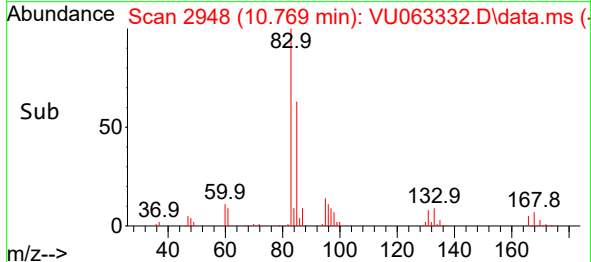
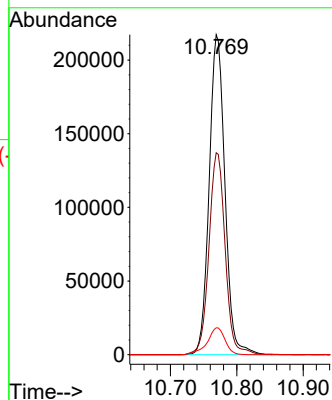
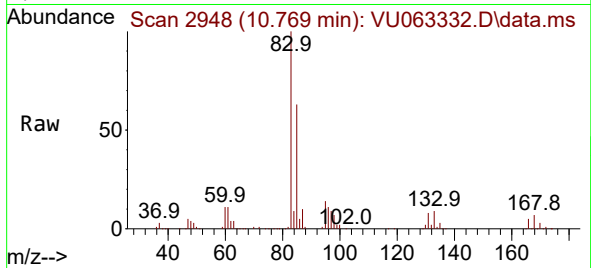




#57
1,1,2,2-Tetrachloroethane
Concen: 20.09 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

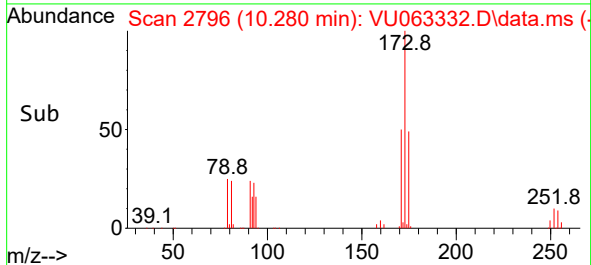
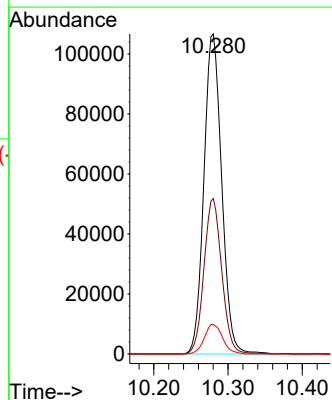
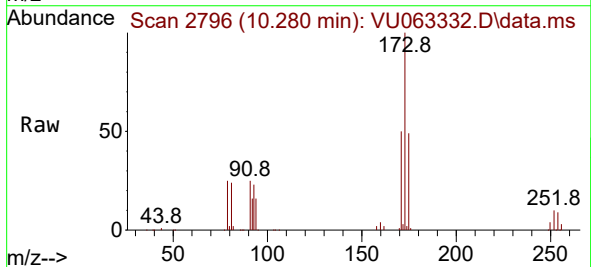
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

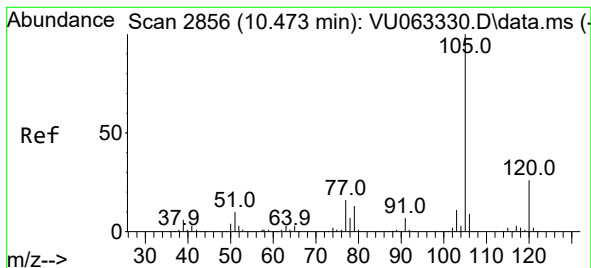
Tgt Ion: 83 Resp: 358555
Ion Ratio Lower Upper
83 100
85 63.1 45.0 83.6
131 8.4 7.1 10.7



#59
Bromoform
Concen: 18.18 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion:173 Resp: 177512
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.0
254 9.5 7.2 10.8





#60

Isopropylbenzene

Concen: 20.84 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD020016

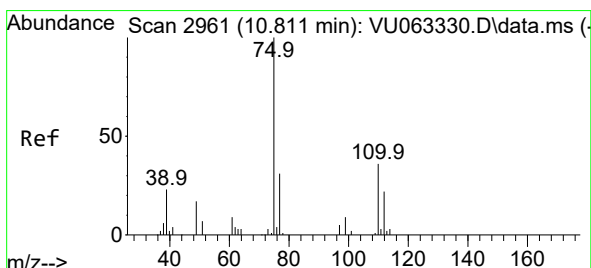
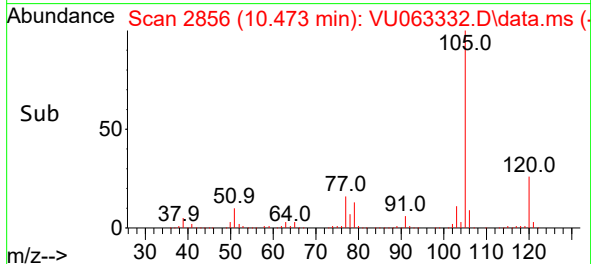
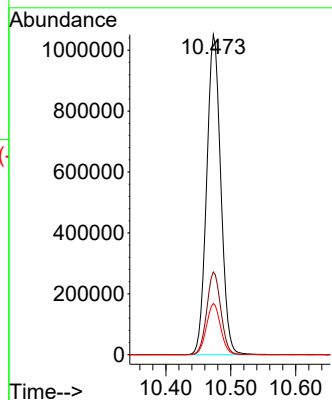
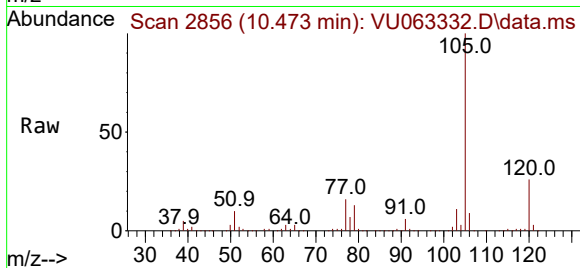
Tgt Ion:105 Resp: 1590936

Ion Ratio Lower Upper

105 100

120 25.8 20.7 31.1

77 16.0 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 17.74 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

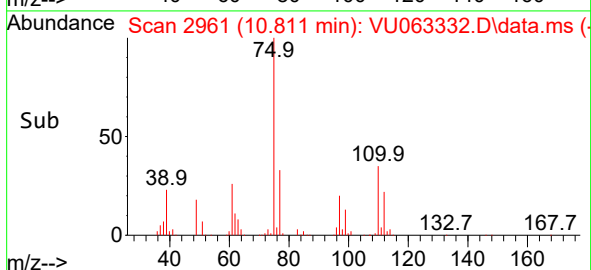
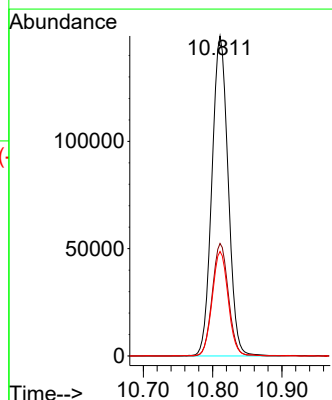
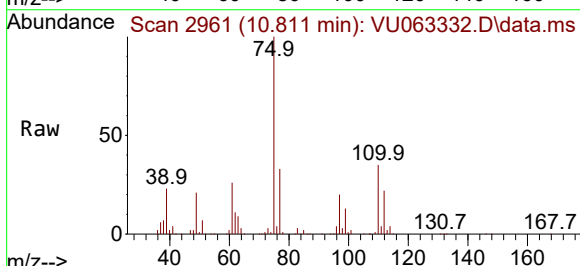
Tgt Ion: 75 Resp: 242702

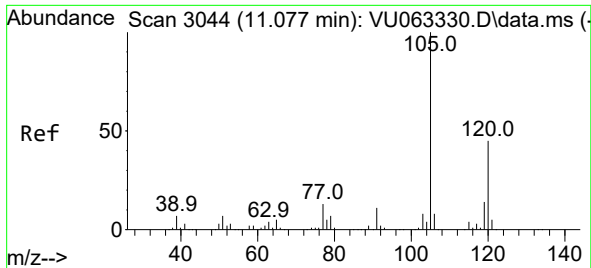
Ion Ratio Lower Upper

75 100

110 34.9 27.0 40.6

77 32.0 25.7 38.5

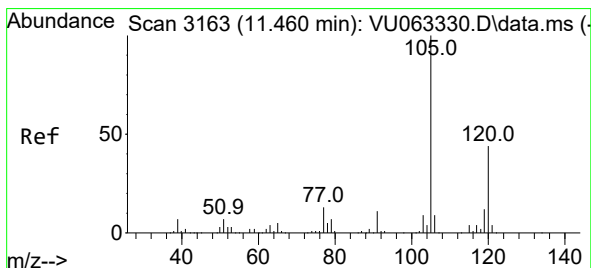
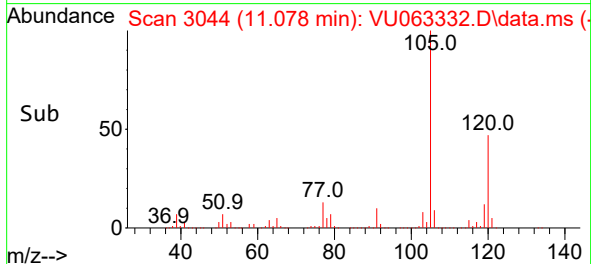
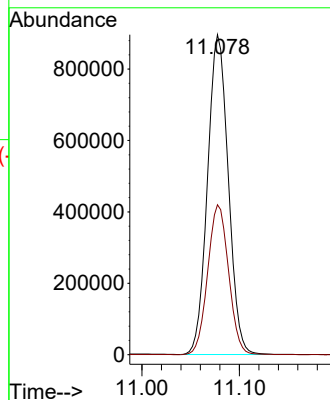
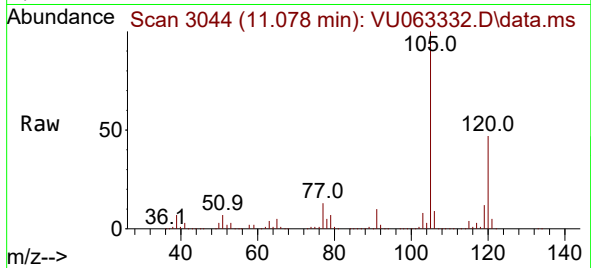




#62
1,3,5-Trimethylbenzene
Concen: 22.25 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

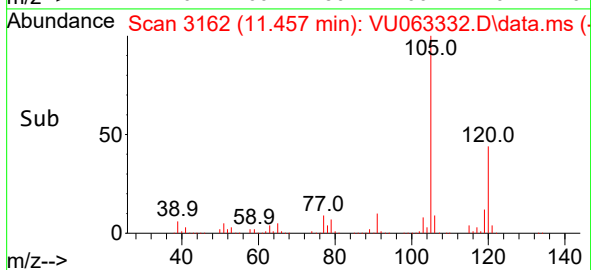
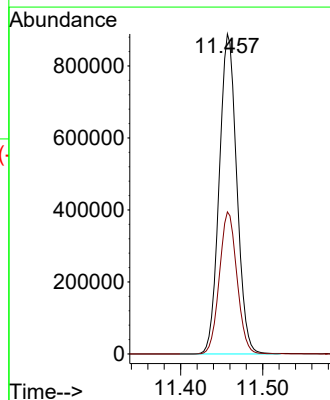
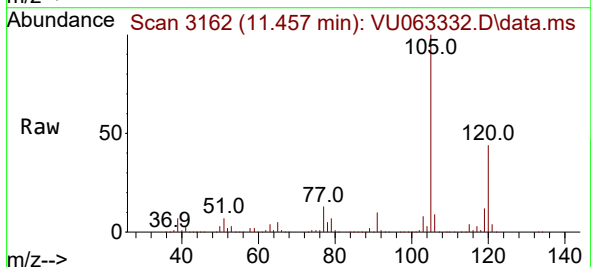
Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

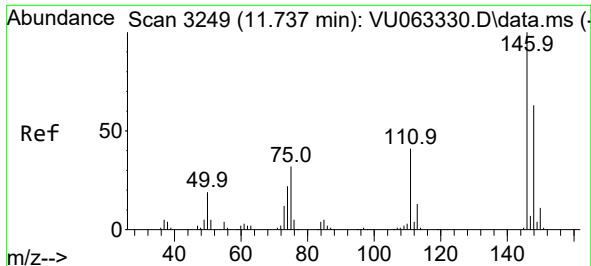
Tgt Ion:105 Resp: 1323930
Ion Ratio Lower Upper
105 100
120 47.2 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 23.81 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion:105 Resp: 1320747
Ion Ratio Lower Upper
105 100
120 44.4 35.0 52.6

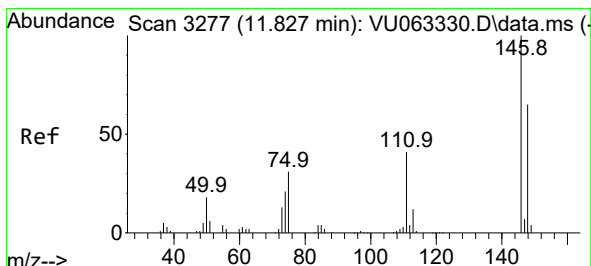
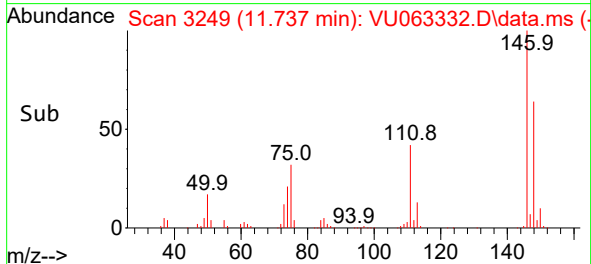
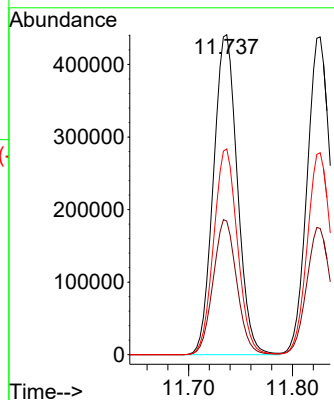
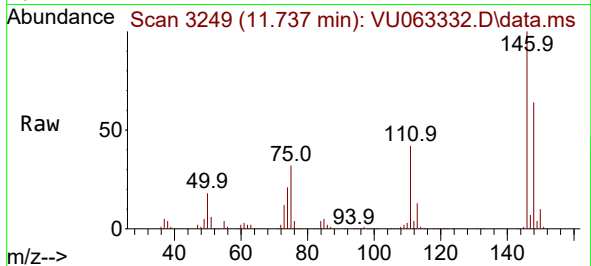




#64
 1,3-Dichlorobenzene
 Concen: 19.40 ug/L
 RT: 11.737 min Scan# 3249
 Delta R.T. 0.000 min
 Lab File: VU063332.D
 Acq: 03 Apr 2025 16:25

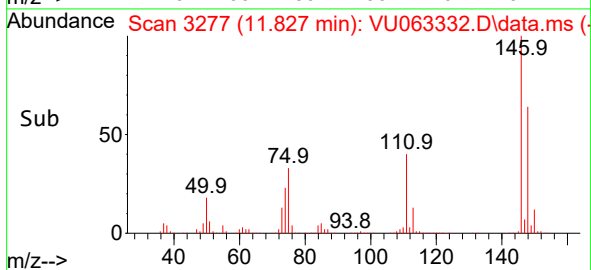
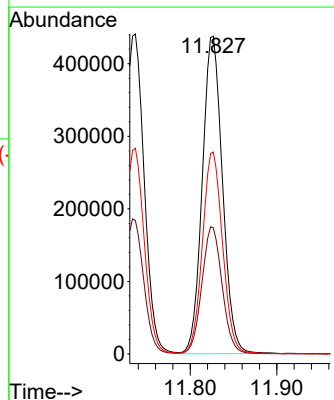
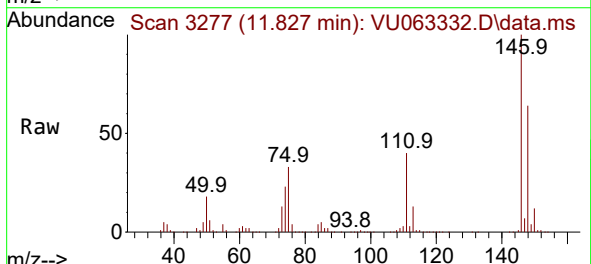
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020016

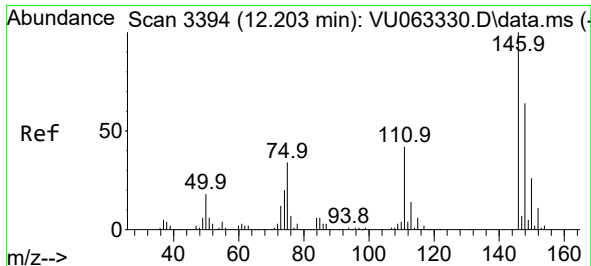
Tgt Ion:146 Resp: 707248
 Ion Ratio Lower Upper
 146 100
 111 41.8 28.4 52.8
 148 64.3 44.0 81.6



#65
 1,4-Dichlorobenzene
 Concen: 19.51 ug/L
 RT: 11.827 min Scan# 3277
 Delta R.T. 0.000 min
 Lab File: VU063332.D
 Acq: 03 Apr 2025 16:25

Tgt Ion:146 Resp: 708319
 Ion Ratio Lower Upper
 146 100
 111 39.7 28.8 53.6
 148 63.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 19.37 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD020016

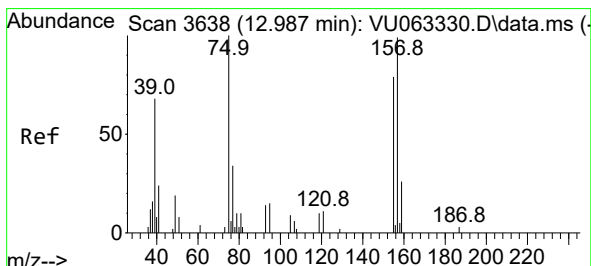
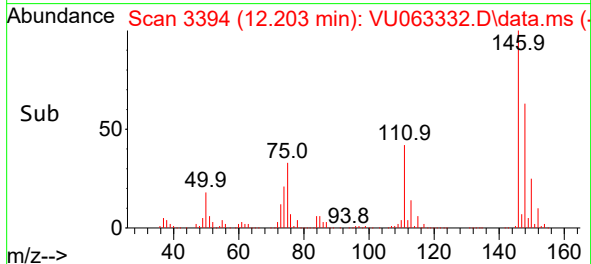
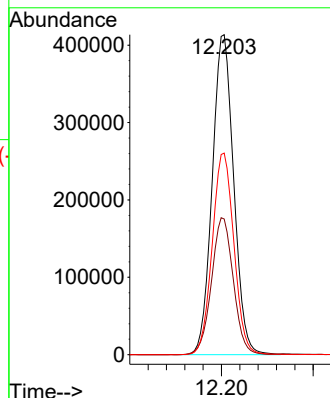
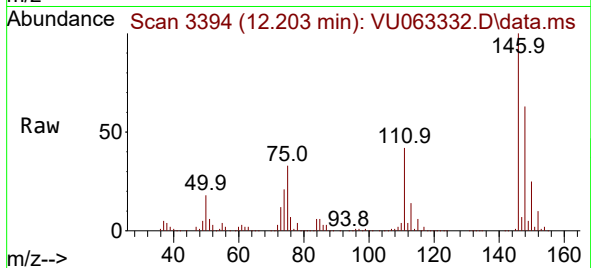
Tgt Ion:146 Resp: 672240

Ion Ratio Lower Upper

146 100

111 42.4 33.8 50.8

148 63.0 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 18.83 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063332.D

Acq: 03 Apr 2025 16:25

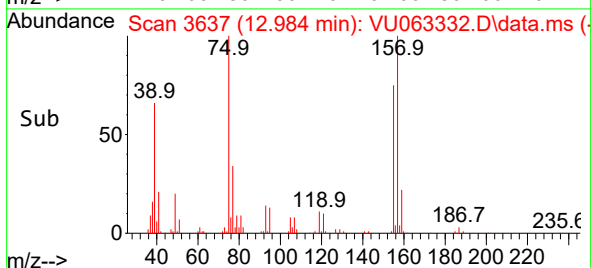
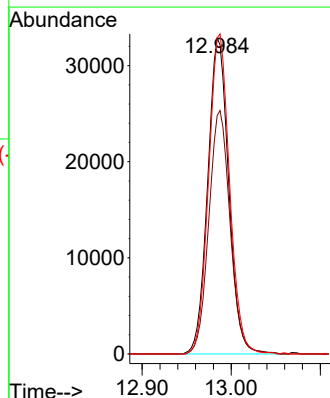
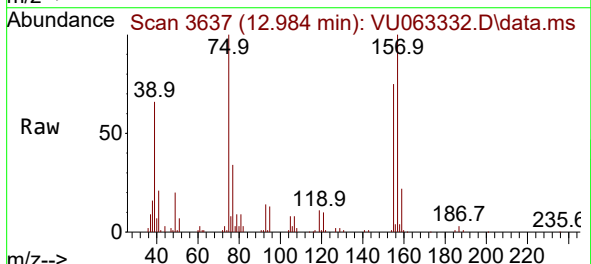
Tgt Ion: 75 Resp: 53901

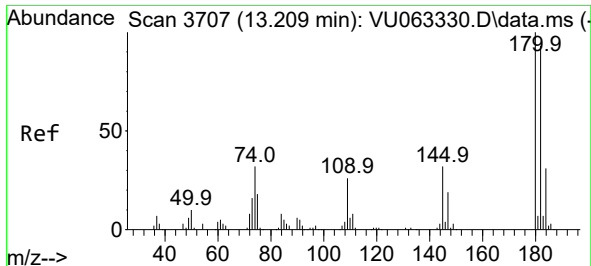
Ion Ratio Lower Upper

75 100

155 75.5 63.6 95.4

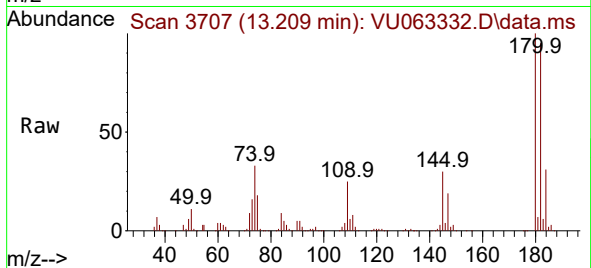
157 100.0 78.9 118.3



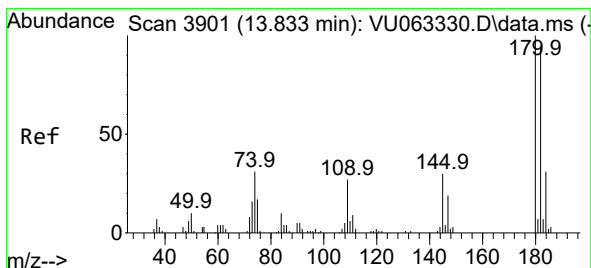
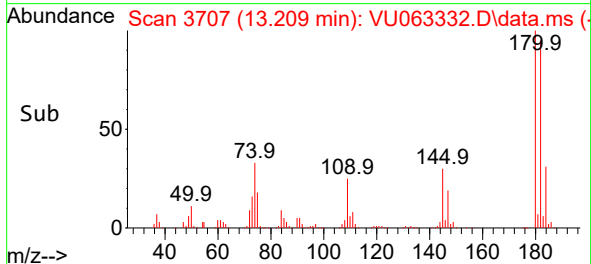
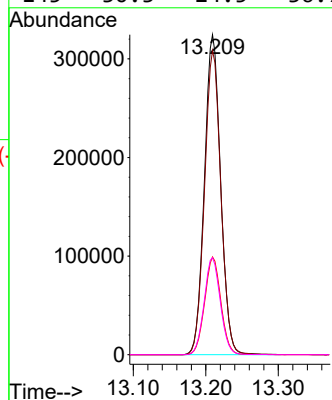


#69
 1,3,5-Trichlorobenzene
 Concen: 20.43 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063332.D
 Acq: 03 Apr 2025 16:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020016

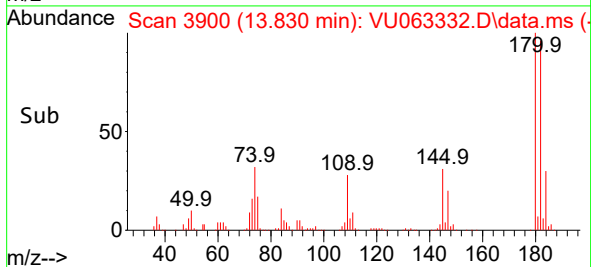
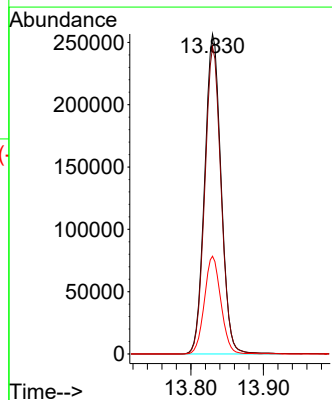
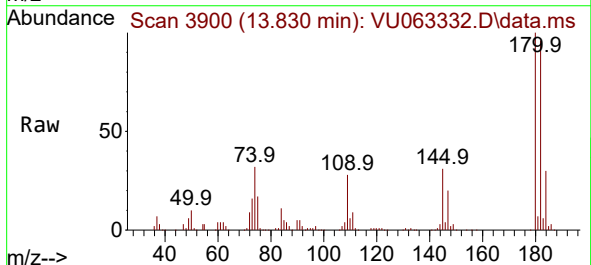


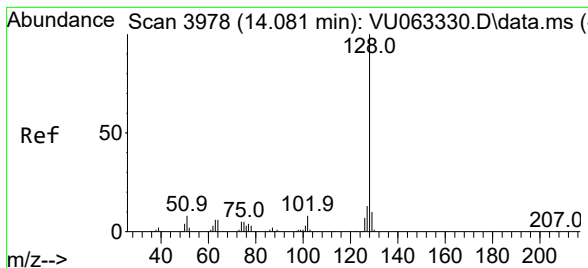
Tgt Ion:180 Resp: 504390
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.8 113.6
 184 30.6 24.6 37.0
 145 30.3 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 23.29 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. -0.003 min
 Lab File: VU063332.D
 Acq: 03 Apr 2025 16:25

Tgt Ion:180 Resp: 403805
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.7 115.1
 145 30.6 24.5 36.7

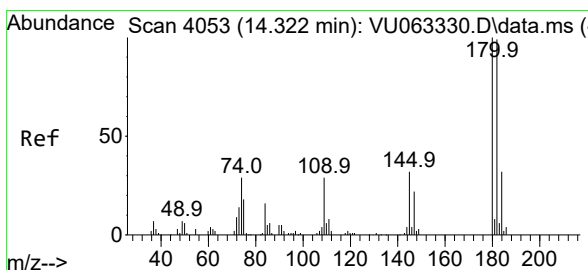
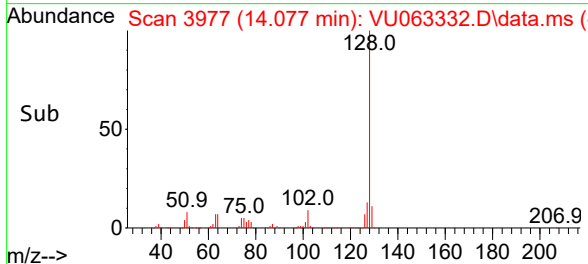
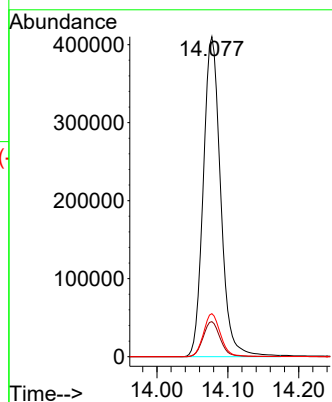
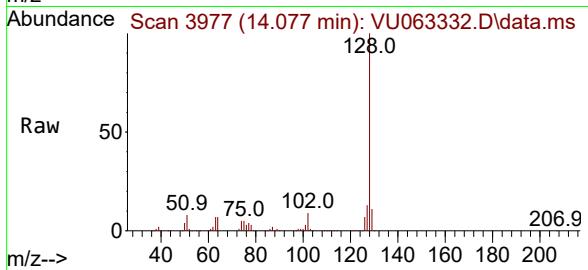




#71
Naphthalene
Concen: 27.40 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD020016

Tgt Ion:128 Resp: 696819
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.2 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 23.42 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063332.D
Acq: 03 Apr 2025 16:25

Tgt Ion:180 Resp: 362725
Ion Ratio Lower Upper
180 100
182 95.6 77.3 115.9
145 32.8 26.8 40.2

