

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040425\
 Data File : VU063339.D
 Acq On : 04 Apr 2025 12:26
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Apr 07 09:50:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 07 09:46:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	187765	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	183784	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	91412	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	59729	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.901	69	58534	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.554	65	27722	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.608	46	187333	49.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.94%
24) Chloroform-d	5.049	84	141276	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.692	65	70089	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.714	84	278863	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.679	67	90174	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.888	98	242236	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	8.174	79	27287	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.621	63	137518	51.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.36%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	76237	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
66) 1,2-Dichlorobenzene-d4	12.184	152	80354	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	93163	4.84	ug/L	100
3) Chloromethane	1.518	50	105081	4.84	ug/L	99
5) Vinyl chloride	1.599	62	104679	4.81	ug/L	98
6) Bromomethane	1.843	94	56628	4.92	ug/L	94
8) Chloroethane	1.920	64	60797	4.90	ug/L	99
9) Trichlorofluoromethane	2.126	101	112246	4.89	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	68229	4.92	ug/L	100
12) 1,1-Dichloroethene	2.567	96	65622	4.94	ug/L	96
13) Acetone	2.615	43	120629	48.43	ug/L	100
14) Carbon disulfide	2.782	76	231738	4.89	ug/L	99
15) Methyl Acetate	2.943	43	31767	4.75	ug/L	100
16) Methylene chloride	3.033	84	80244	4.76	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	167956	4.97	ug/L	100
18) trans-1,2-Dichloroethene	3.342	96	70355	4.95	ug/L	99
19) 1,1-Dichloroethane	3.856	63	144731	4.97	ug/L	100
21) 2-Butanone	4.689	43	203062	51.70	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	77771	4.90	ug/L	99
23) Bromochloromethane	4.962	128	35234	4.80	ug/L	96
25) Chloroform	5.075	83	144637	4.98	ug/L	98

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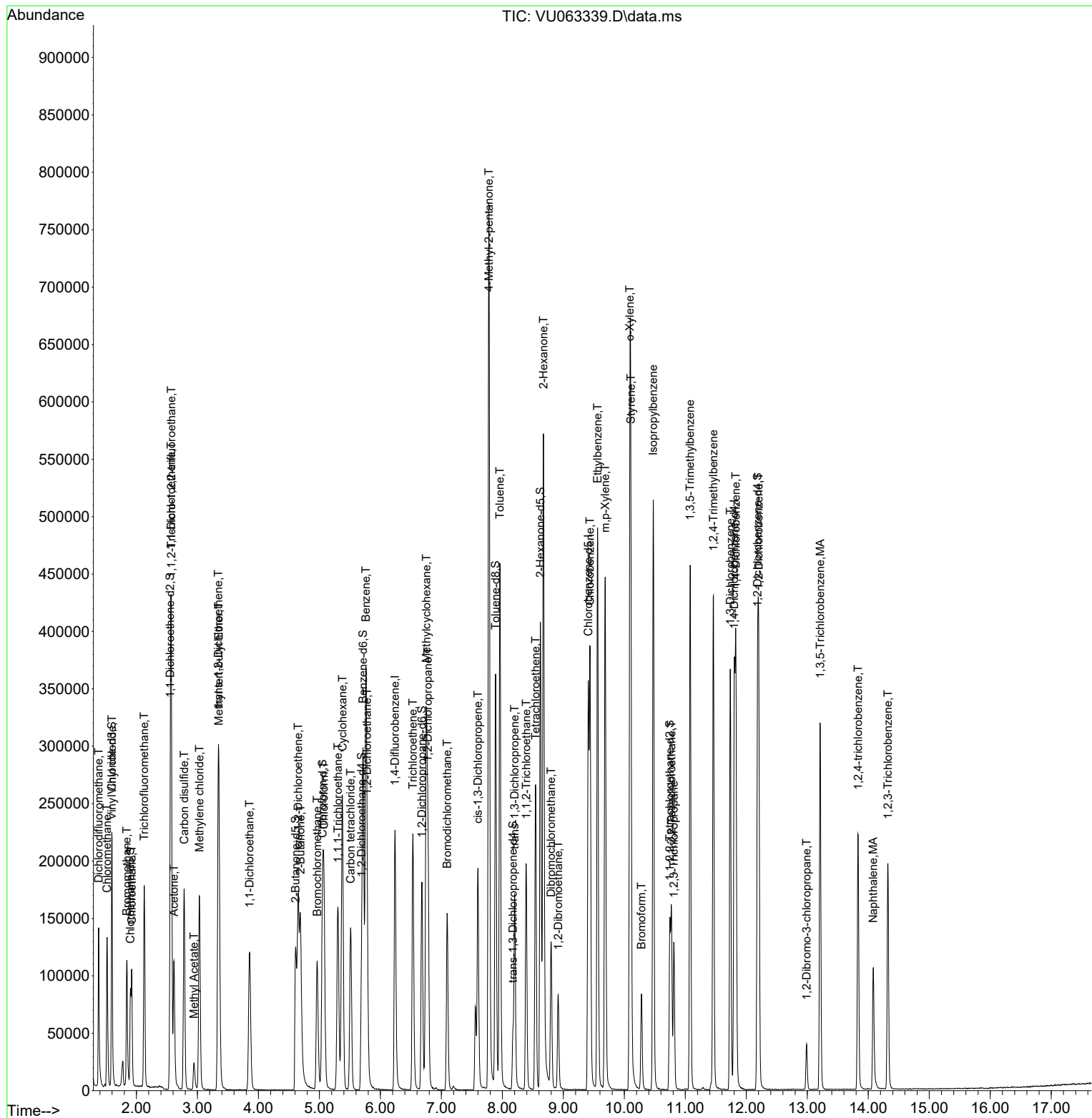
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	91191	4.92	ug/L	# 95
29) 1,1,1-Trichloroethane	5.303	97	114471	5.08	ug/L	100
30) Cyclohexane	5.377	56	123036	5.08	ug/L	99
31) Carbon tetrachloride	5.512	117	96330	4.99	ug/L	99
33) Benzene	5.763	78	323113	5.18	ug/L	100
34) Trichloroethene	6.531	95	80203	5.09	ug/L	98
35) Methylcyclohexane	6.753	83	116444	5.07	ug/L	98
37) 1,2-Dichloropropane	6.779	63	88069	5.10	ug/L	99
38) Bromodichloromethane	7.094	83	102958	5.02	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	119752	5.25	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	497288	52.16	ug/L	99
42) Toluene	7.959	91	339408	5.26	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	98262	5.08	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	62978	5.21	ug/L	96
47) Tetrachloroethene	8.544	164	58218	5.16	ug/L	97
48) 2-Hexanone	8.672	43	352239	52.51	ug/L	97
49) Dibromochloromethane	8.798	129	64182	4.97	ug/L	96
50) 1,2-Dibromoethane	8.914	107	56928	5.08	ug/L	97
51) Chlorobenzene	9.438	112	201231	5.03	ug/L	100
52) Ethylbenzene	9.560	91	336694	5.12	ug/L	98
53) m,p-Xylene	9.685	106	128147	5.33	ug/L	100
54) o-Xylene	10.090	106	122607	5.32	ug/L	98
55) Styrene	10.107	104	208502	5.42	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	78915	4.99	ug/L	98
59) Bromoform	10.280	173	37048	4.54	ug/L	99
60) Isopropylbenzene	10.473	105	322944	5.06	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	53793	4.70	ug/L	97
62) 1,3,5-Trimethylbenzene	11.078	105	247527	4.98	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	237599	5.12	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	149778	4.92	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	149867	4.94	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	140391	4.84	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	10899	4.56	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	98406	4.77	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	66695	4.60	ug/L	97
71) Naphthalene	14.081	128	96328	4.53	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	60249	4.65	ug/L	99

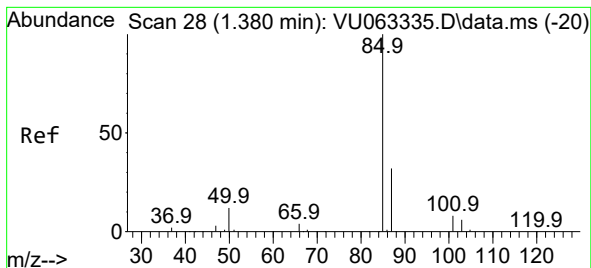
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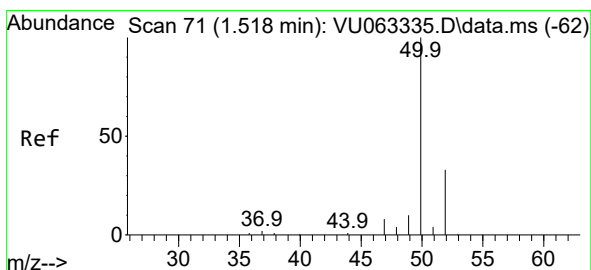
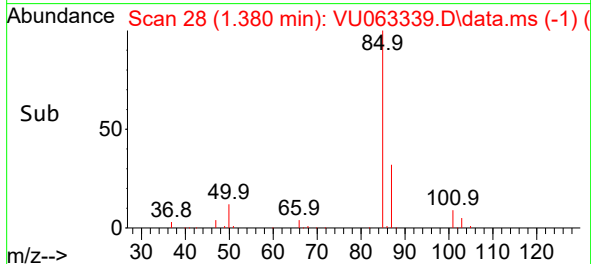
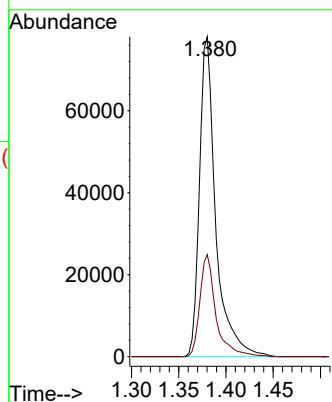
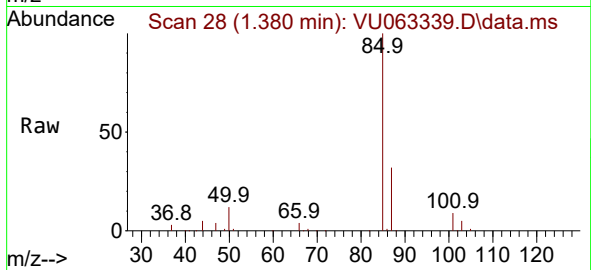




#2
Dichlorodifluoromethane
Concen: 4.84 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

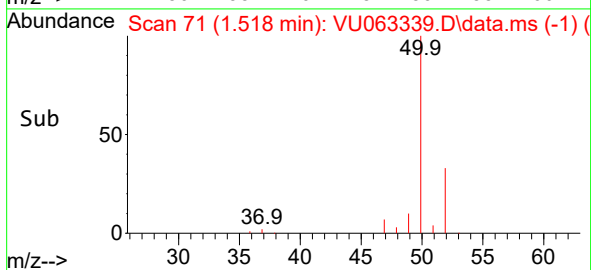
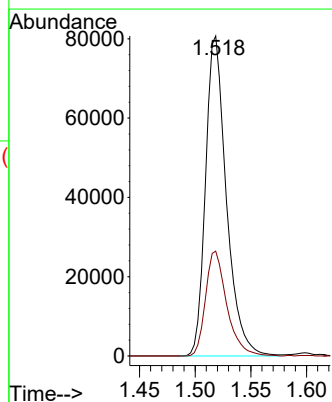
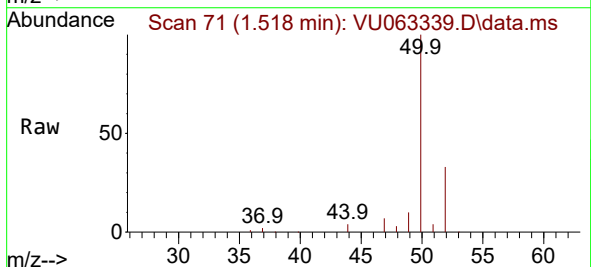
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

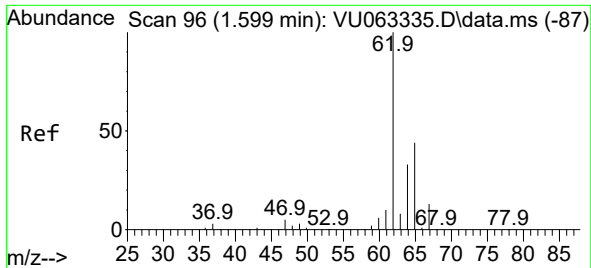
Tgt Ion: 85 Resp: 93163
Ion Ratio Lower Upper
85 100
87 31.5 25.3 37.9



#3
Chloromethane
Concen: 4.84 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 50 Resp: 105081
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

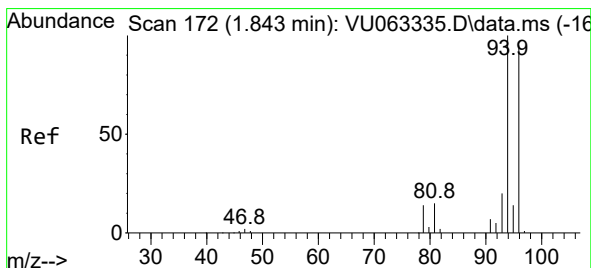
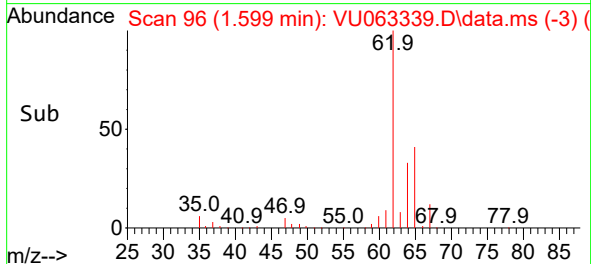
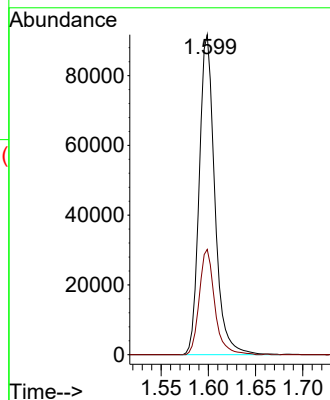
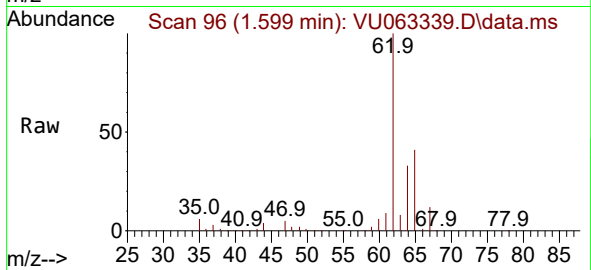




#5
 Vinyl chloride
 Concen: 4.81 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU063339.D
 Acq: 04 Apr 2025 12:26

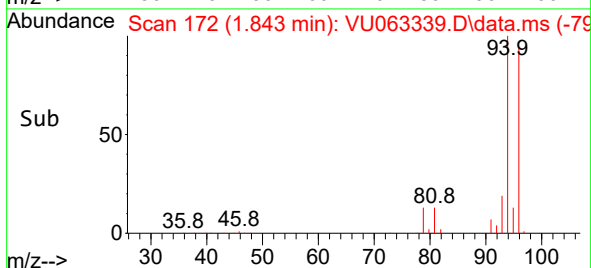
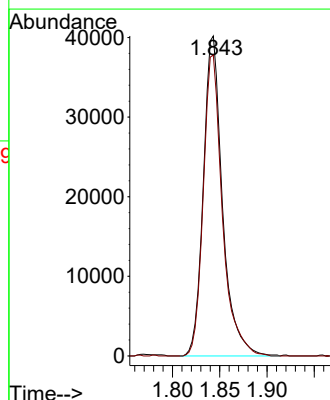
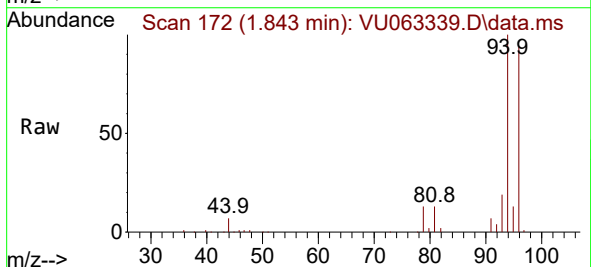
Instrument :
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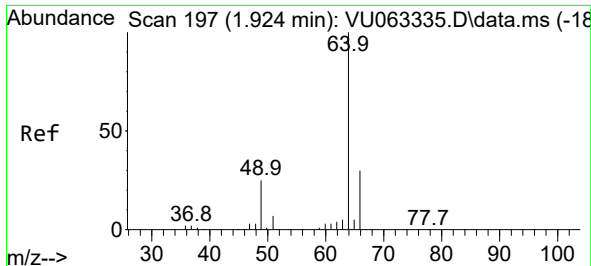
Tgt Ion: 62 Resp: 104679
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.1 41.1



#6
 Bromomethane
 Concen: 4.92 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VU063339.D
 Acq: 04 Apr 2025 12:26

Tgt Ion: 94 Resp: 56628
 Ion Ratio Lower Upper
 94 100
 96 94.0 62.1 115.3

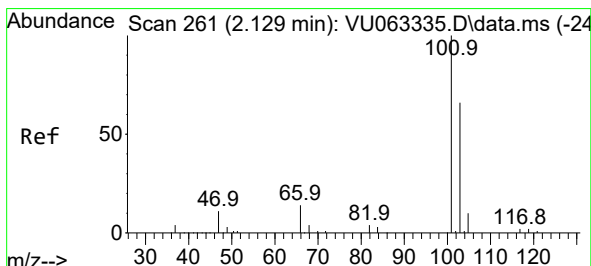
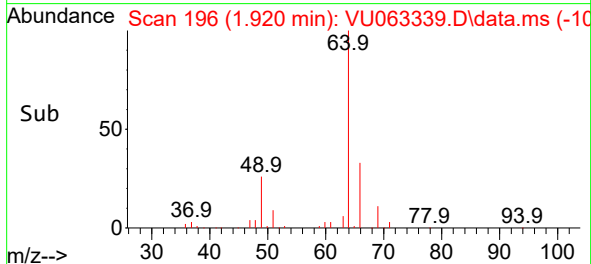
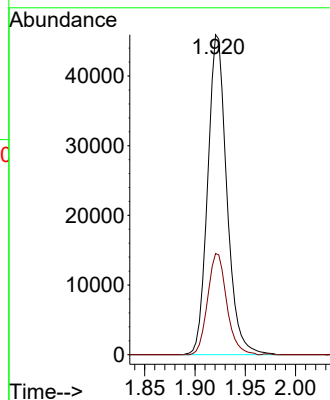
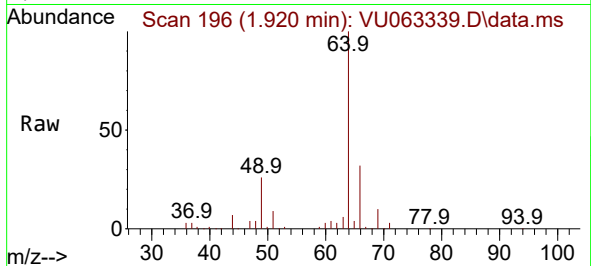




#8
Chloroethane
Concen: 4.90 ug/L
RT: 1.920 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

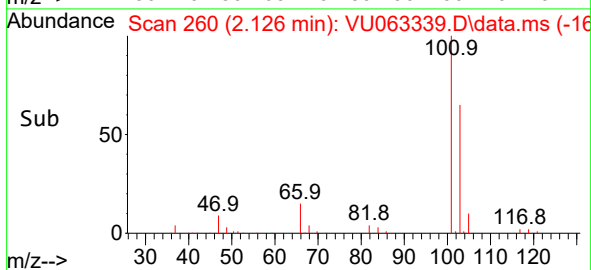
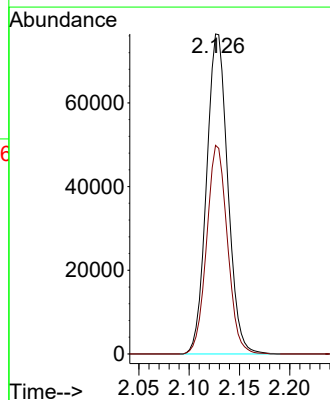
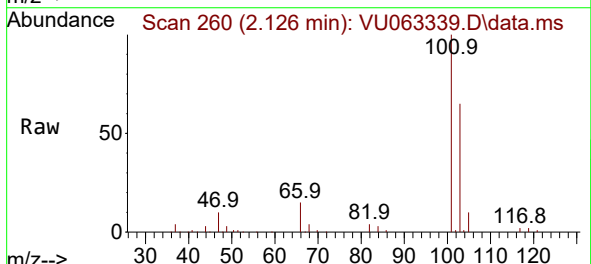
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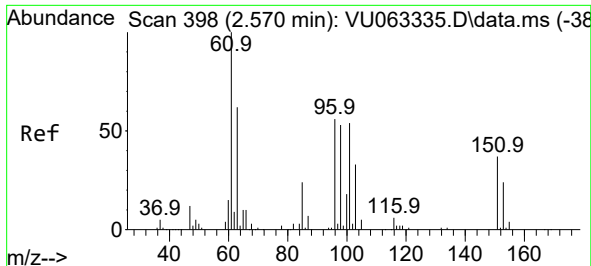
Tgt Ion: 64 Resp: 60797
Ion Ratio Lower Upper
64 100
66 31.6 21.9 40.7



#9
Trichlorofluoromethane
Concen: 4.89 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion:101 Resp: 112246
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3

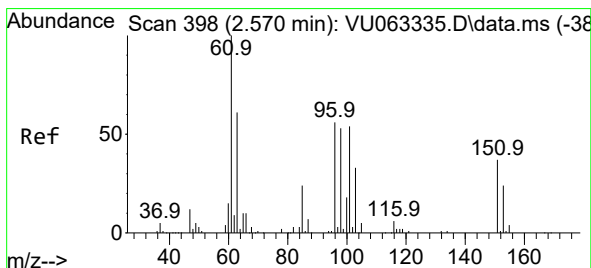
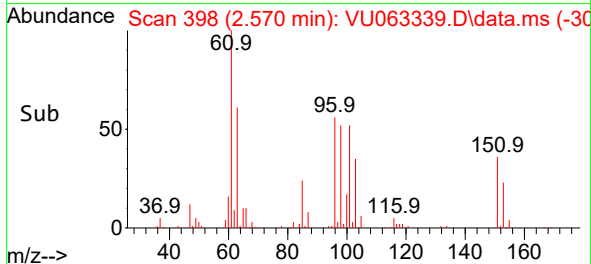
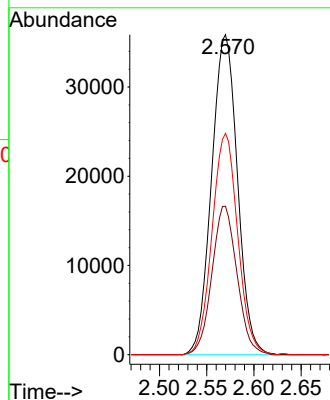
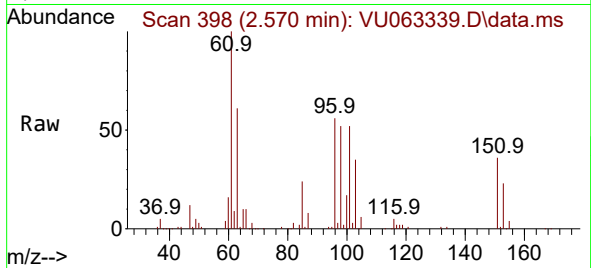




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.92 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063339.D
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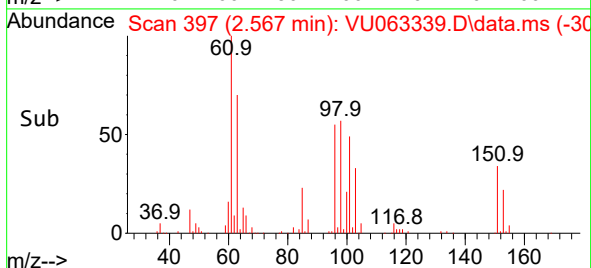
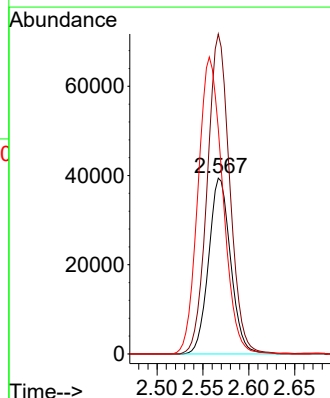
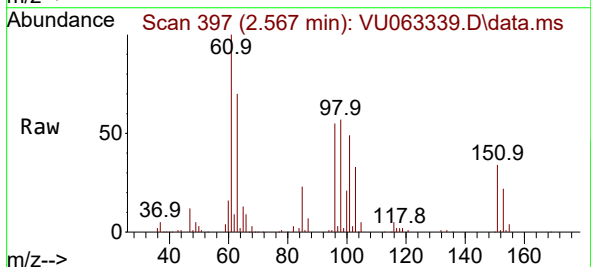
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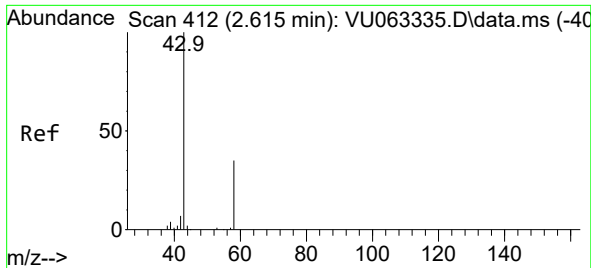
Tgt Ion:101 Resp: 68229
Ion Ratio Lower Upper
101 100
85 45.0 35.7 53.5
151 68.8 55.2 82.8



#12
1,1-Dichloroethene
Concen: 4.94 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 96 Resp: 65622
Ion Ratio Lower Upper
96 100
61 182.0 121.2 225.0
63 128.2 88.9 165.1





#13

Acetone

Concen: 48.43 ug/L

RT: 2.615 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

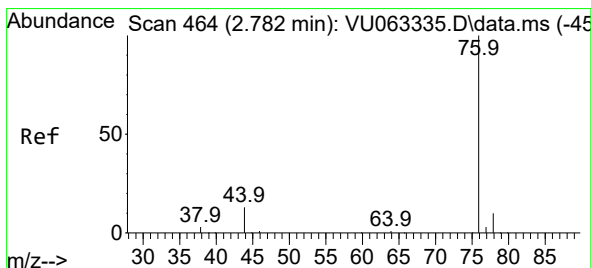
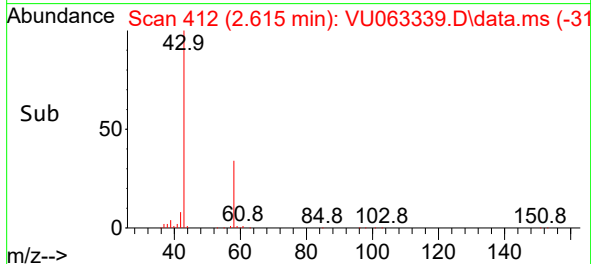
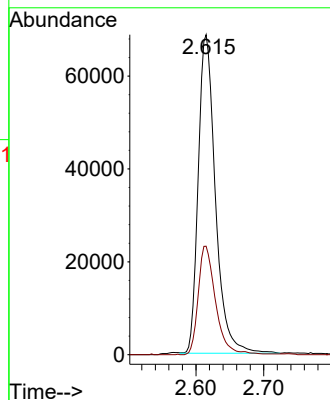
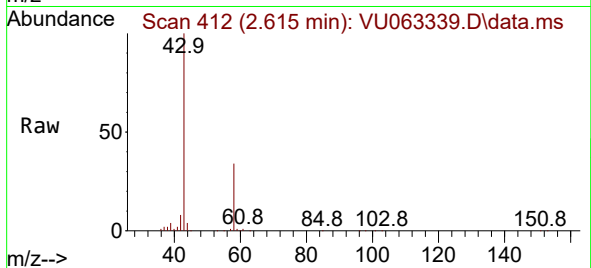
VSTD005139

Tgt Ion: 43 Resp: 120629

Ion Ratio Lower Upper

43 100

58 34.5 0.0 68.8



#14

Carbon disulfide

Concen: 4.89 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

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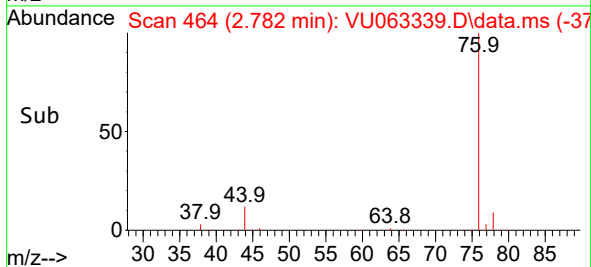
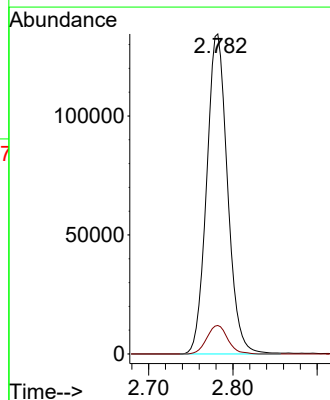
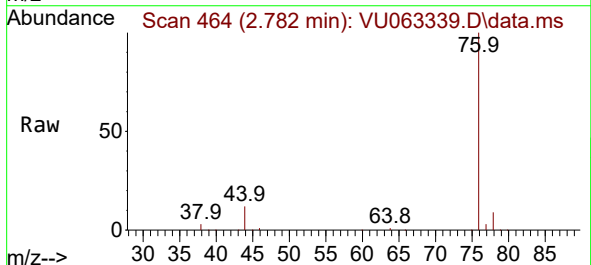
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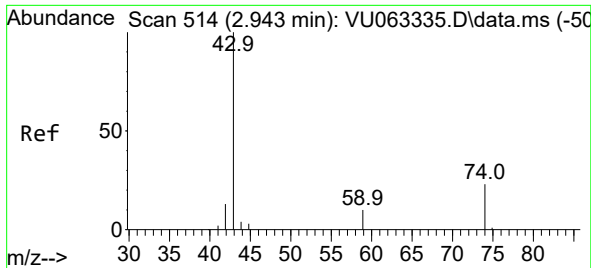
Tgt Ion: 76 Resp: 231738

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

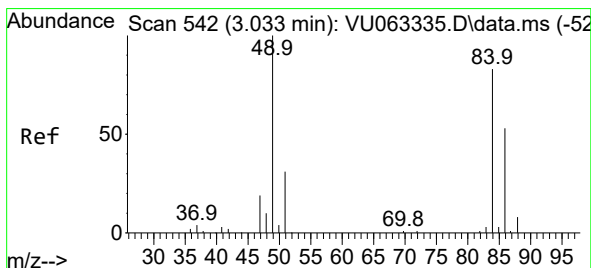
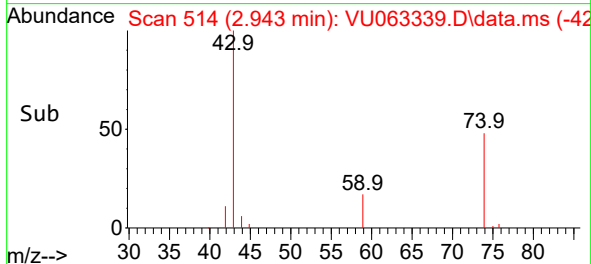
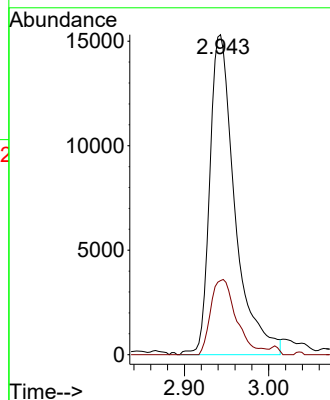
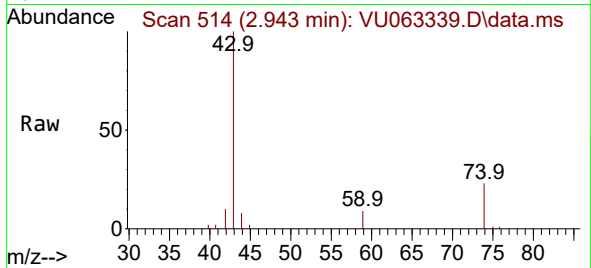




#15
Methyl Acetate
Concen: 4.75 ug/L
RT: 2.943 min Scan# 514
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

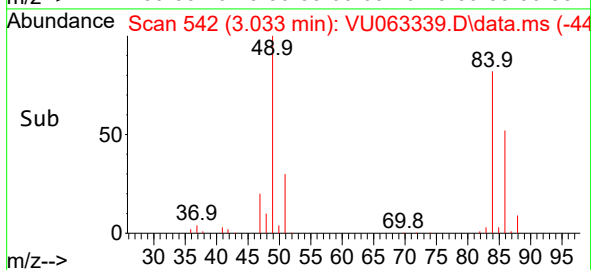
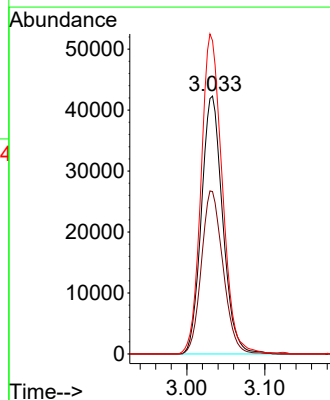
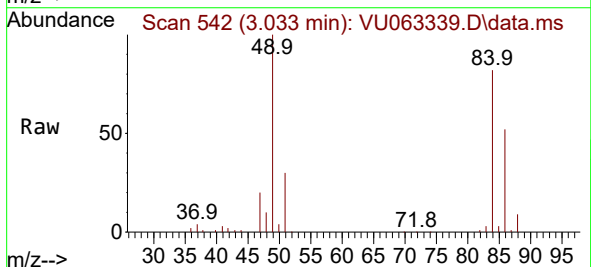
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

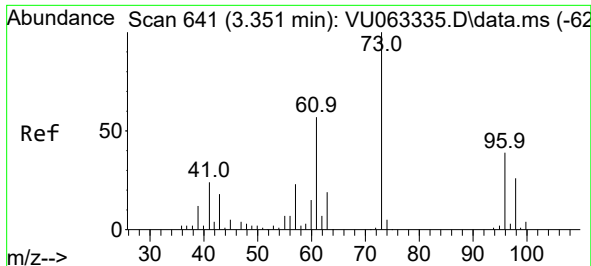
Tgt Ion: 43 Resp: 31767
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8



#16
Methylene chloride
Concen: 4.76 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 84 Resp: 80244
Ion Ratio Lower Upper
84 100
86 63.0 43.3 80.5
49 121.5 83.4 154.8





#17

Methyl tert-butyl Ether

Concen: 4.97 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD005139

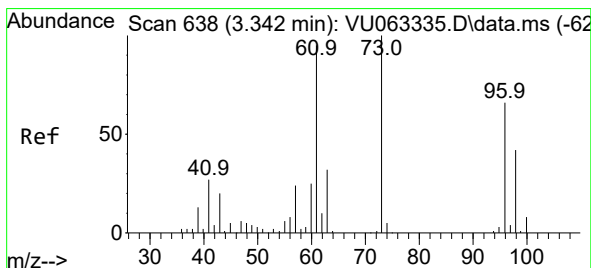
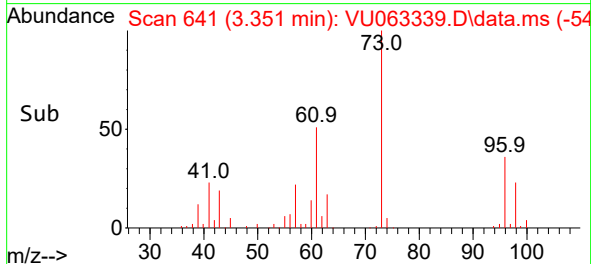
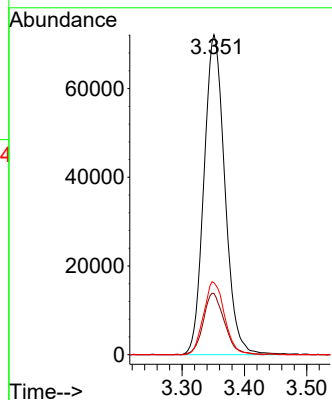
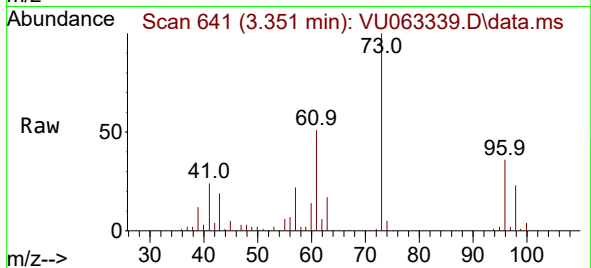
Tgt Ion: 73 Resp: 167956

Ion Ratio Lower Upper

73 100

43 19.5 15.5 23.3

57 22.9 18.2 27.4



#18

trans-1,2-Dichloroethene

Concen: 4.95 ug/L

RT: 3.342 min Scan# 638

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

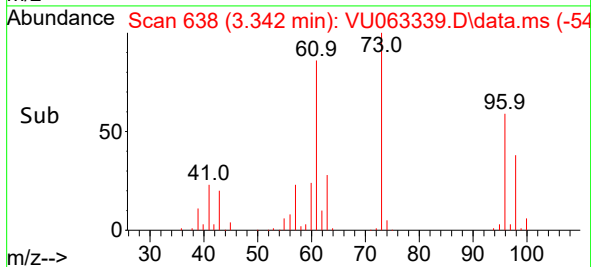
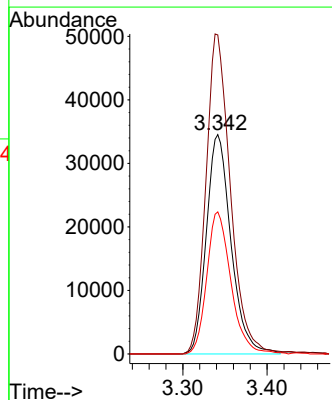
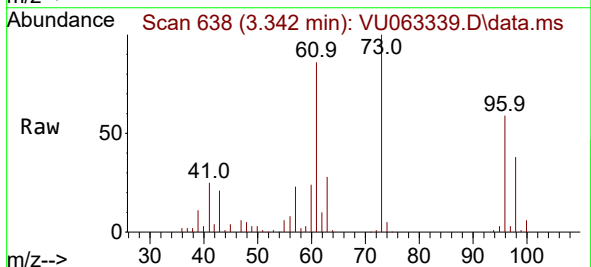
Tgt Ion: 96 Resp: 70355

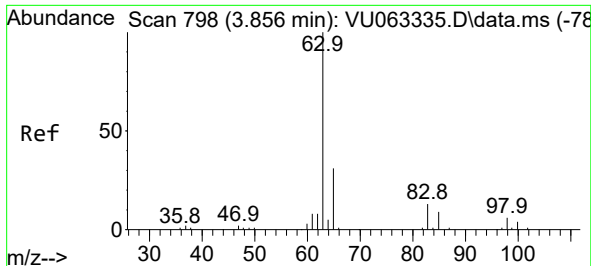
Ion Ratio Lower Upper

96 100

61 145.4 101.8 189.0

98 64.8 43.2 80.2

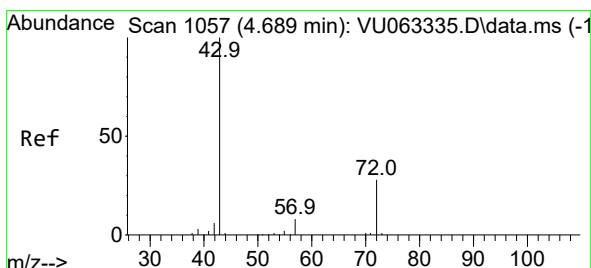
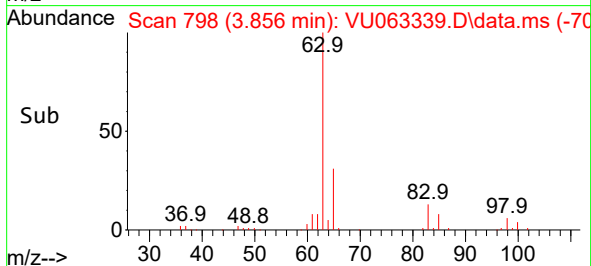
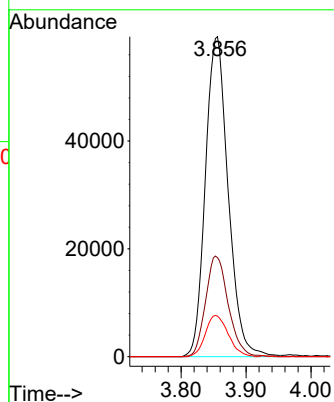
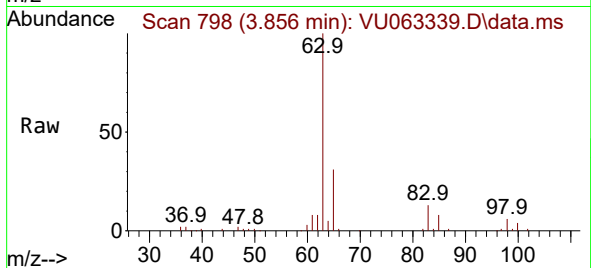




#19
1,1-Dichloroethane
Concen: 4.97 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

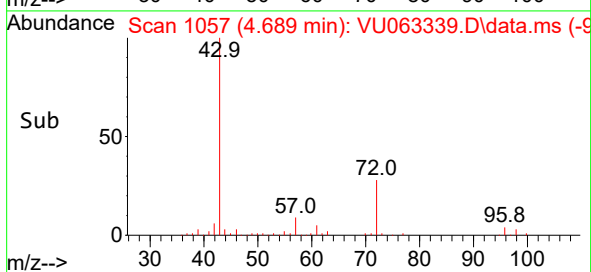
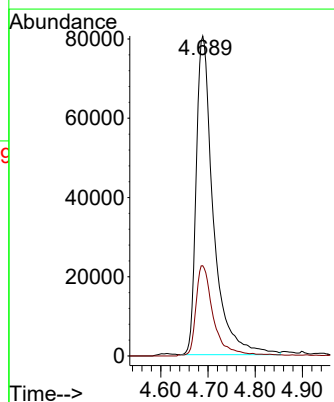
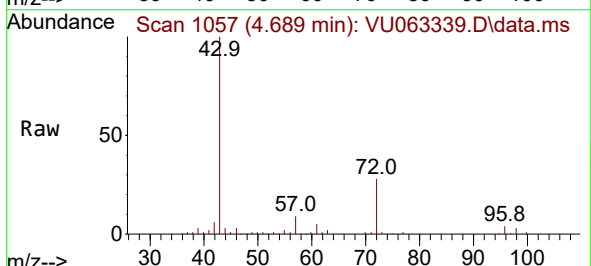
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

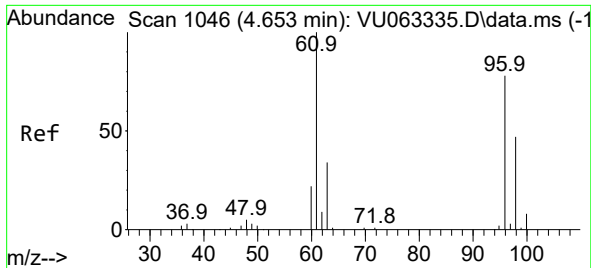
Tgt Ion: 63 Resp: 144731
Ion Ratio Lower Upper
63 100
65 31.0 21.5 39.9
83 12.7 8.8 16.4



#21
2-Butanone
Concen: 51.70 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 43 Resp: 203062
Ion Ratio Lower Upper
43 100
72 28.3 14.0 42.0

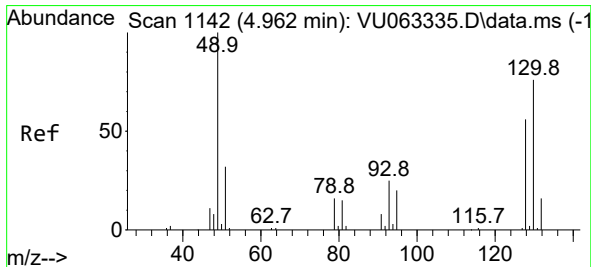
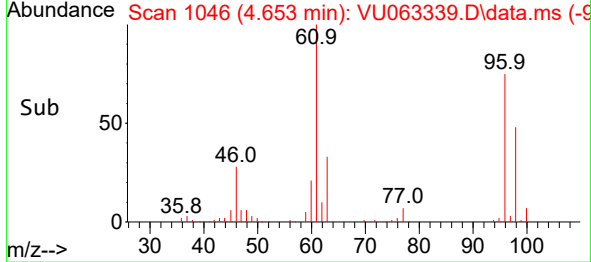
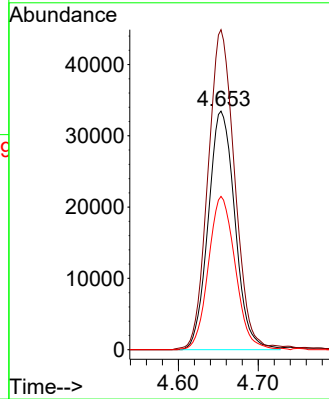
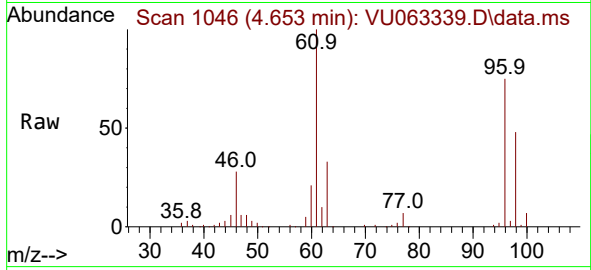




#22
 cis-1,2-Dichloroethene
 Concen: 4.90 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU063339.D
 Acq: 04 Apr 2025 12:26

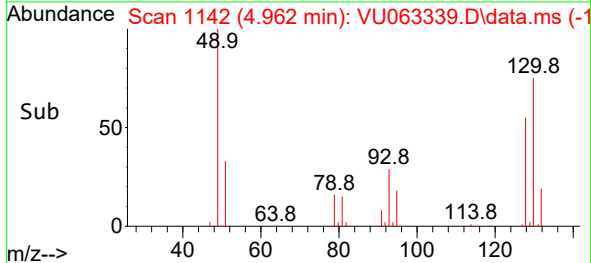
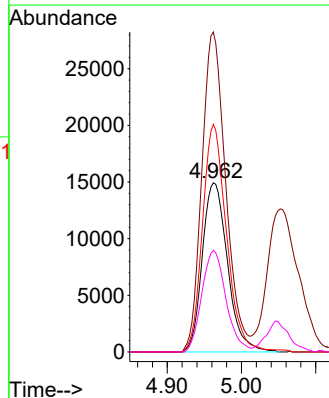
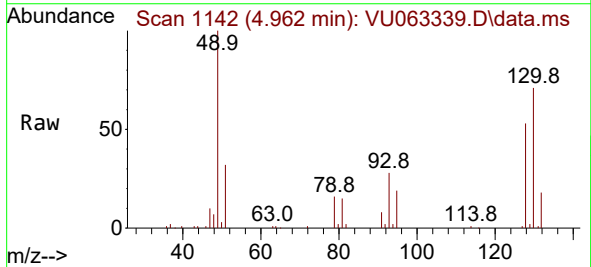
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

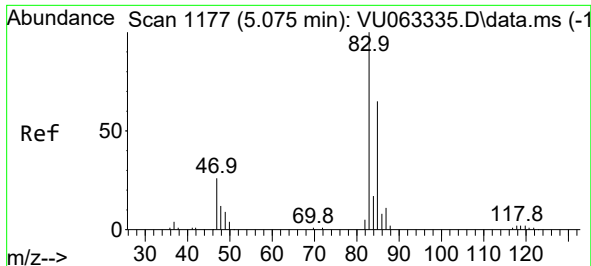
Tgt Ion:	96	Resp:	77771
Ion	Ratio	Lower	Upper
96	100		
61	134.1	93.3	173.3
98	64.3	45.4	84.4



#23
 Bromochloromethane
 Concen: 4.80 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VU063339.D
 Acq: 04 Apr 2025 12:26

Tgt Ion:	128	Resp:	35234
Ion	Ratio	Lower	Upper
128	100		
49	189.3	128.4	238.4
130	134.5	91.3	169.6
51	60.1	46.3	69.5





#25

Chloroform

Concen: 4.98 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

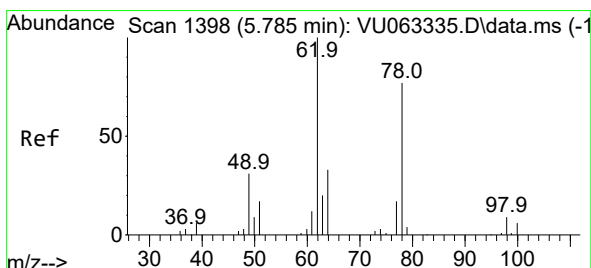
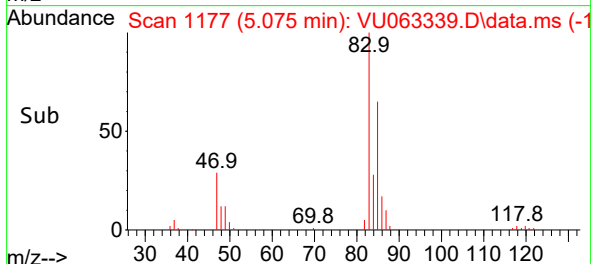
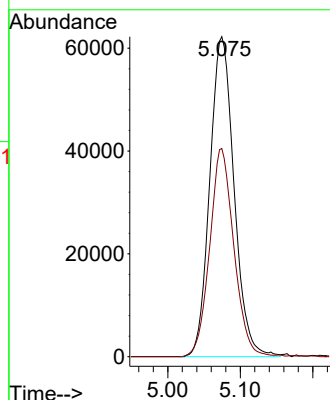
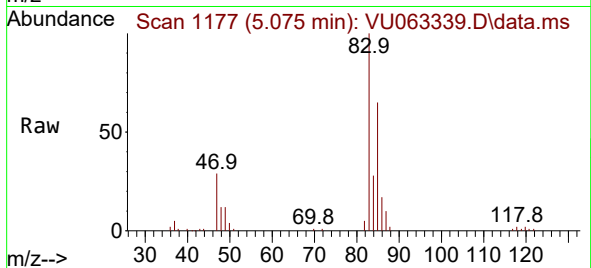
VSTD005139

Tgt Ion: 83 Resp: 144637

Ion Ratio Lower Upper

83 100

85 65.0 44.5 82.7



#27

1,2-Dichloroethane

Concen: 4.92 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU063339.D

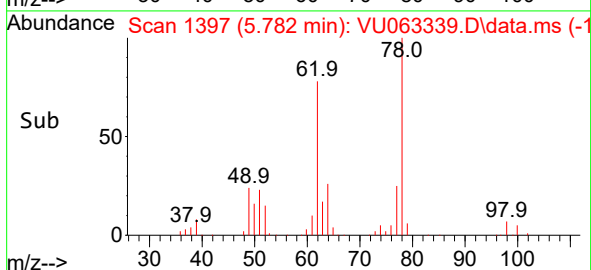
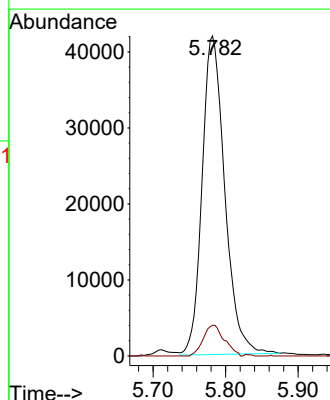
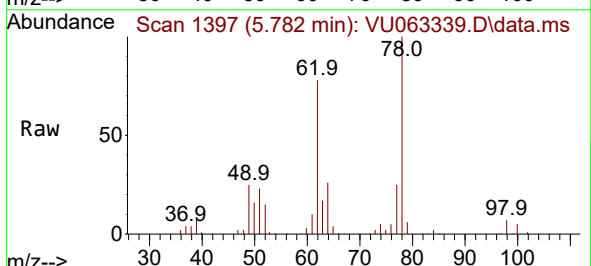
Acq: 04 Apr 2025 12:26

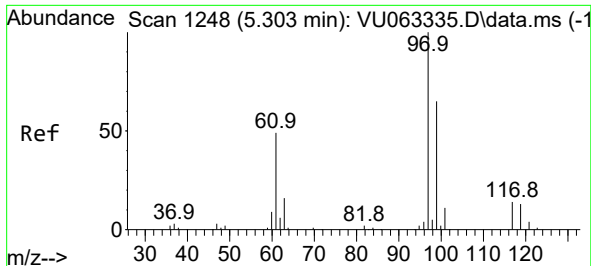
Tgt Ion: 62 Resp: 91191

Ion Ratio Lower Upper

62 100

98 9.6 6.3 9.5#





#29

1,1,1-Trichloroethane

Concen: 5.08 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD005139

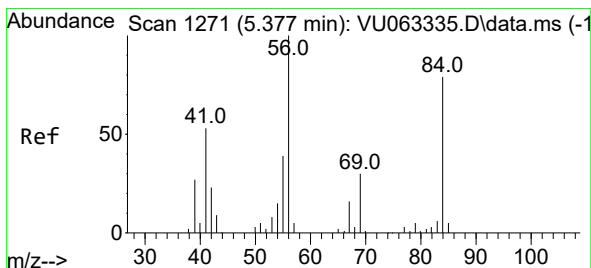
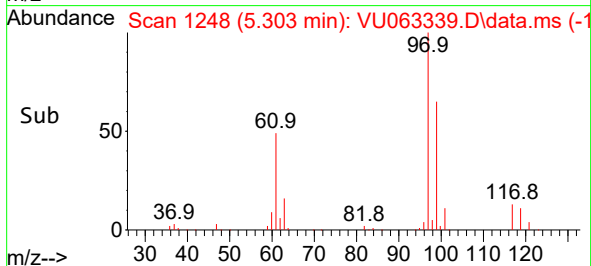
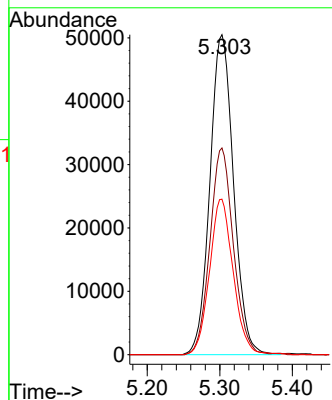
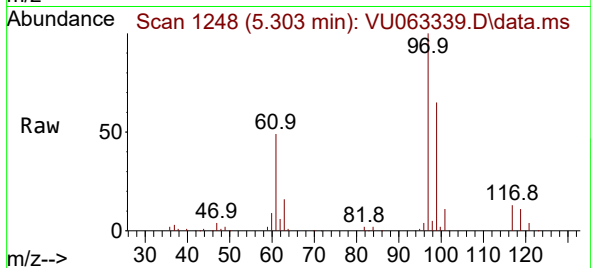
Tgt Ion: 97 Resp: 114471

Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

61 48.8 39.0 58.6



#30

Cyclohexane

Concen: 5.08 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

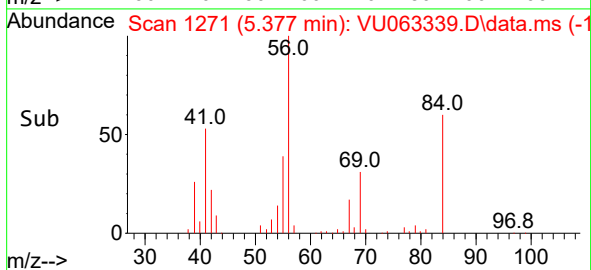
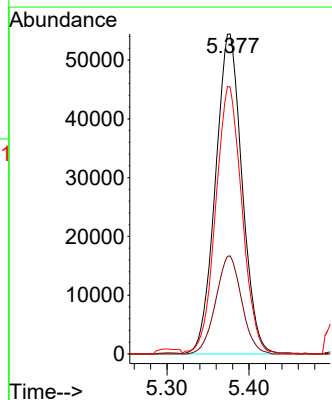
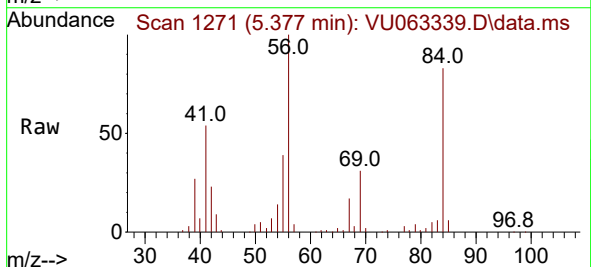
Tgt Ion: 56 Resp: 123036

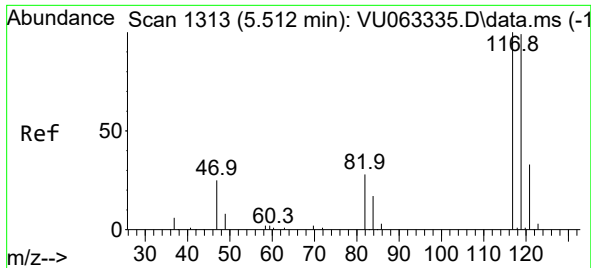
Ion Ratio Lower Upper

56 100

69 29.8 24.3 36.5

84 82.7 66.8 100.2

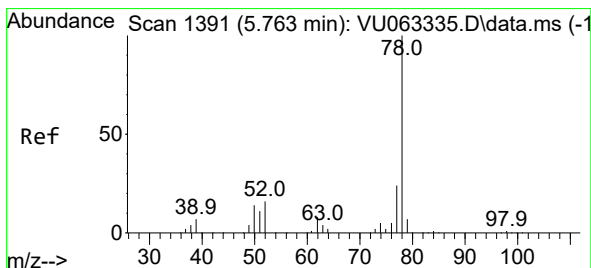
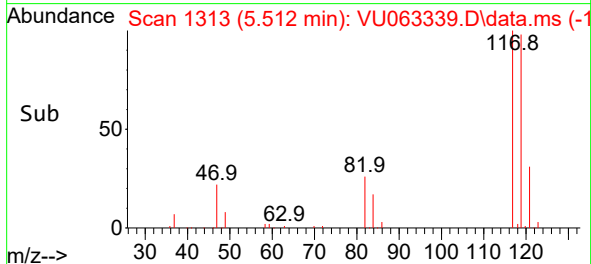
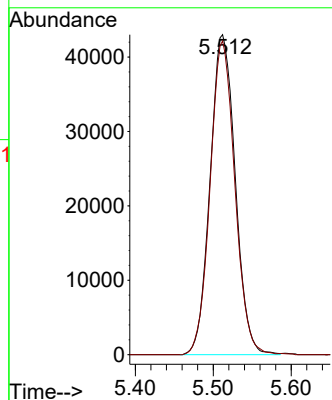
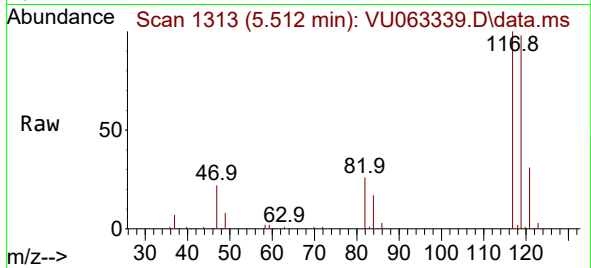




#31
Carbon tetrachloride
Concen: 4.99 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

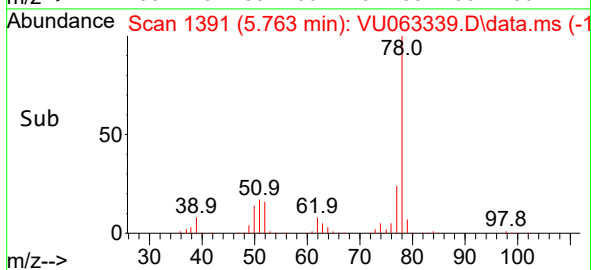
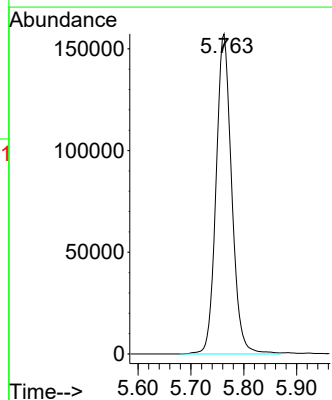
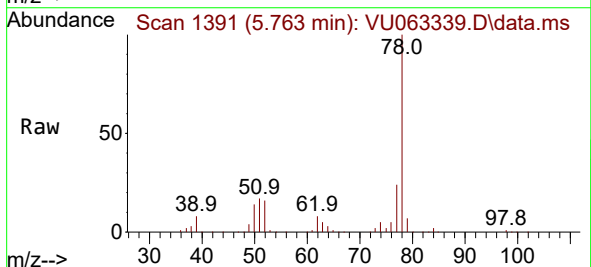
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

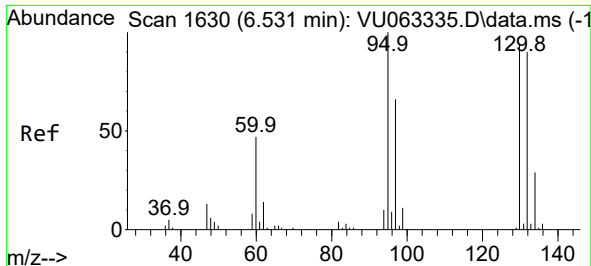
Tgt Ion:117 Resp: 96330
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7



#33
Benzene
Concen: 5.18 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 78 Resp: 323113

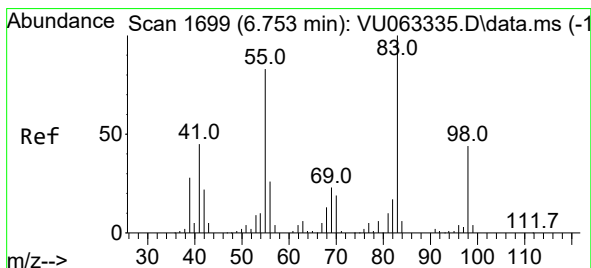
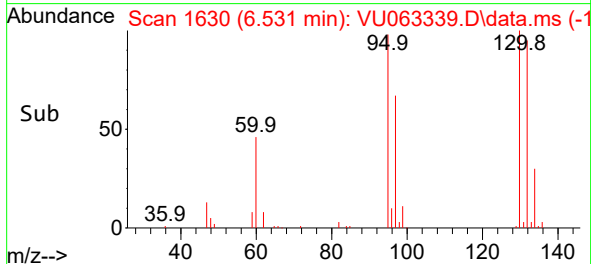
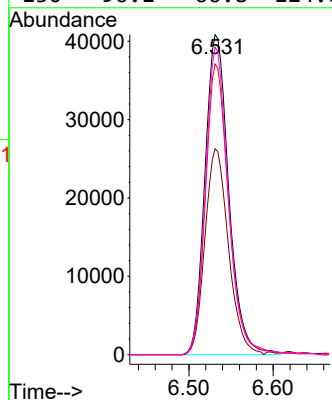
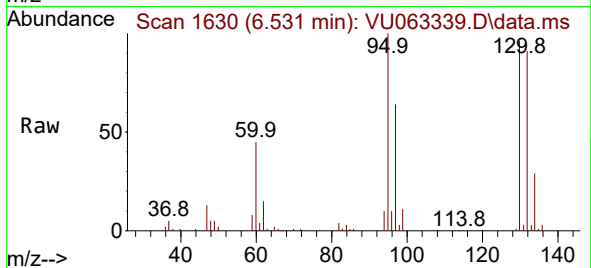




#34
Trichloroethene
Concen: 5.09 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

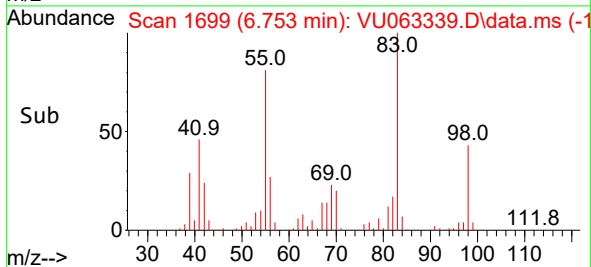
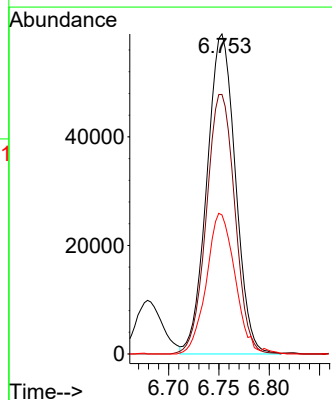
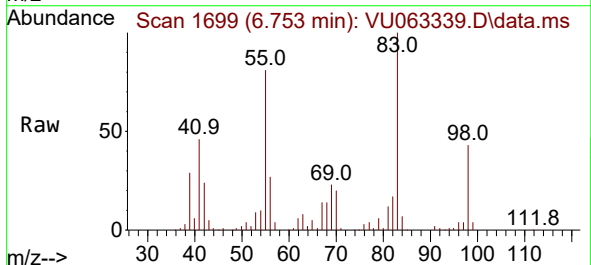
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

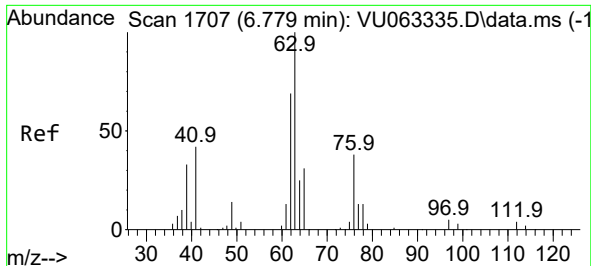
Tgt Ion: 95 Resp: 80203
Ion Ratio Lower Upper
95 100
97 64.4 44.4 82.4
132 90.9 61.5 114.3
130 96.1 66.8 124.0



#35
Methylcyclohexane
Concen: 5.07 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 83 Resp: 116444
Ion Ratio Lower Upper
83 100
55 81.0 63.1 94.7
98 43.7 35.5 53.3





#37

1,2-Dichloropropane

Concen: 5.10 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

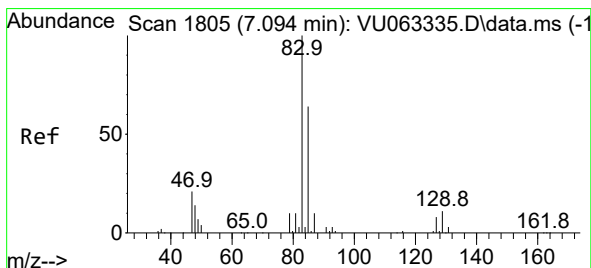
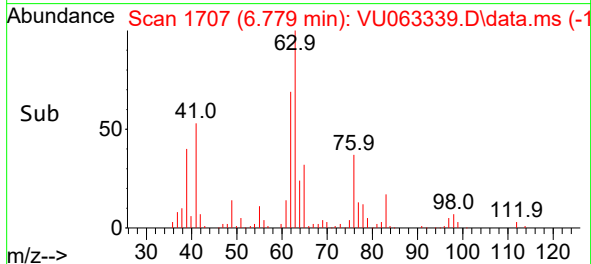
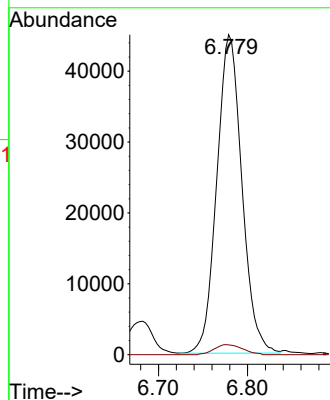
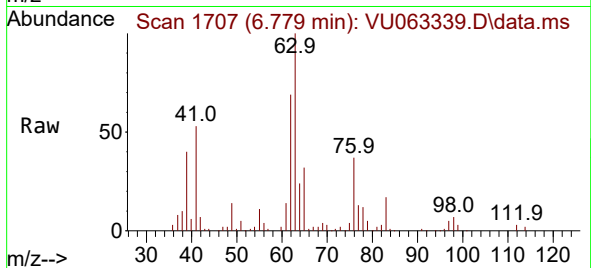
VSTD005139

Tgt Ion: 63 Resp: 88069

Ion Ratio Lower Upper

63 100

112 3.6 2.6 4.0



#38

Bromodichloromethane

Concen: 5.02 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

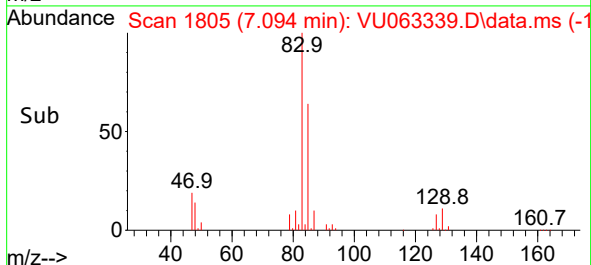
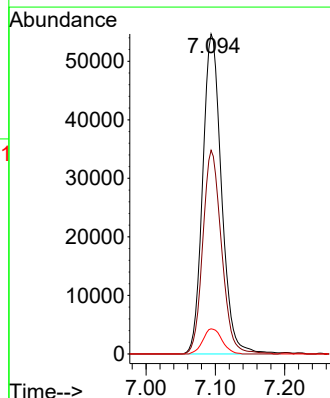
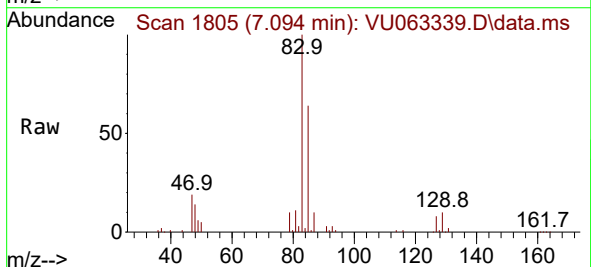
Tgt Ion: 83 Resp: 102958

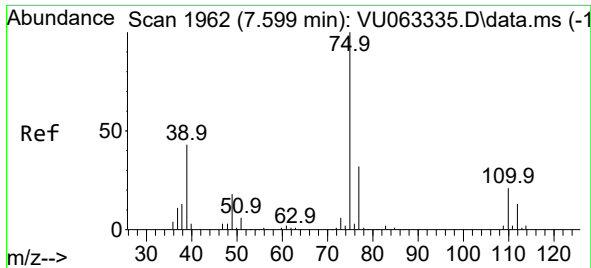
Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.0

127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.25 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

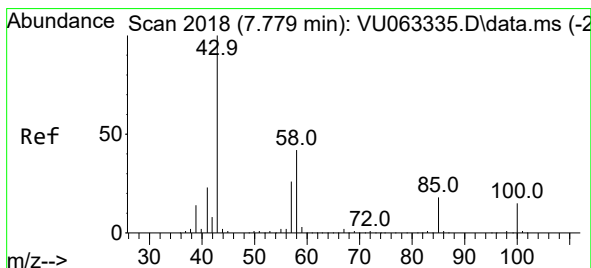
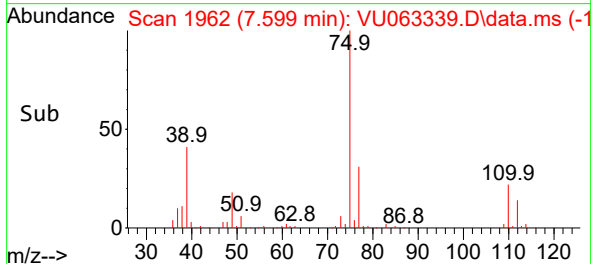
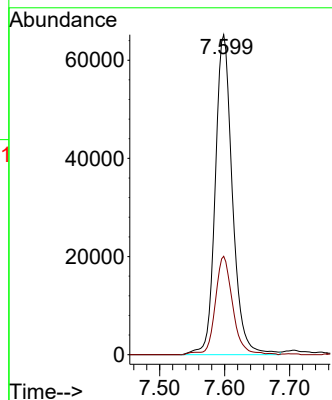
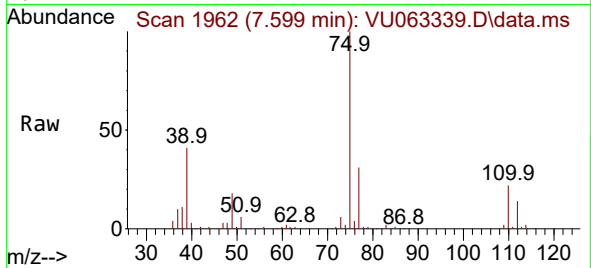
VSTD005139

Tgt Ion: 75 Resp: 119752

Ion Ratio Lower Upper

75 100

77 30.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.16 ug/L

RT: 7.779 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

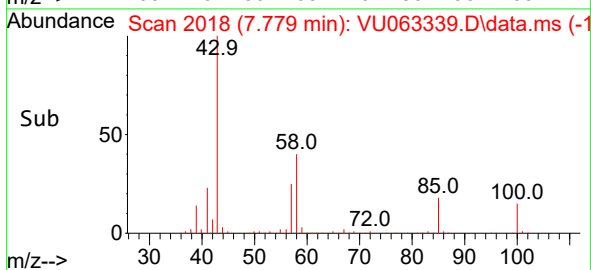
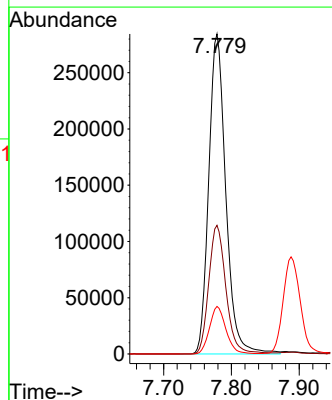
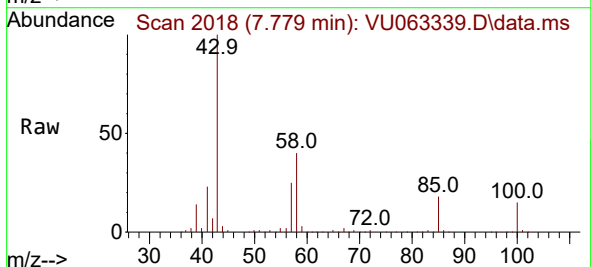
Tgt Ion: 43 Resp: 497288

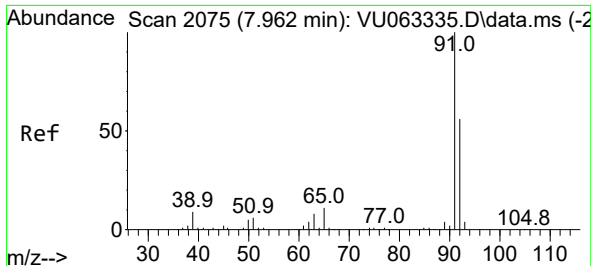
Ion Ratio Lower Upper

43 100

58 40.6 32.9 49.3

100 14.4 11.5 17.3





#42

Toluene

Concen: 5.26 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

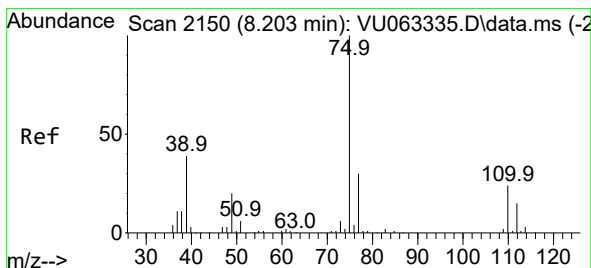
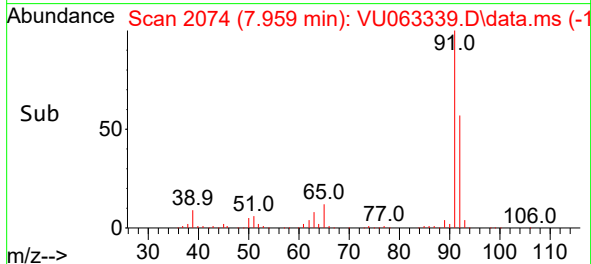
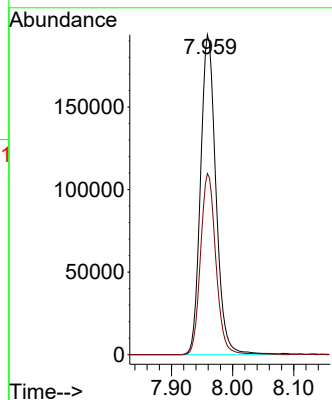
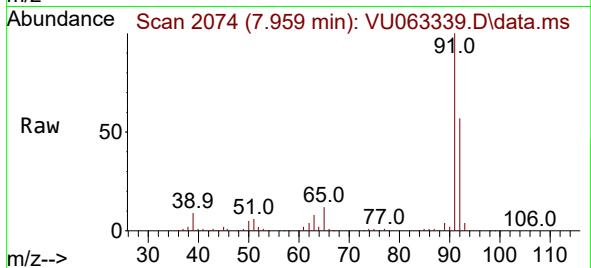
VSTD005139

Tgt Ion: 91 Resp: 339408

Ion Ratio Lower Upper

91 100

92 56.6 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 5.08 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU063339.D

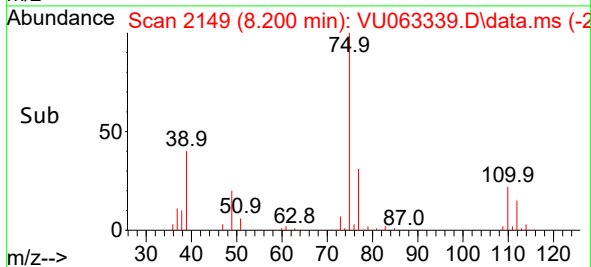
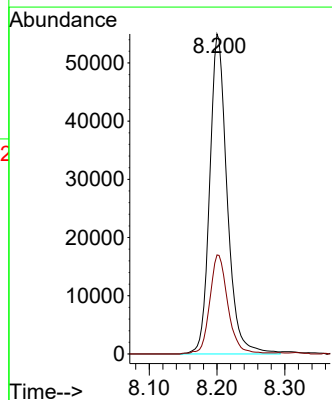
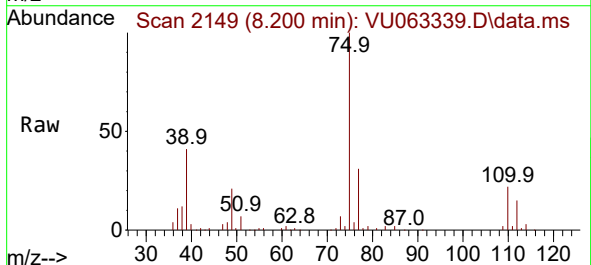
Acq: 04 Apr 2025 12:26

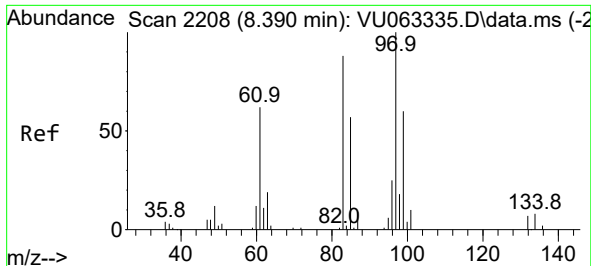
Tgt Ion: 75 Resp: 98262

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6

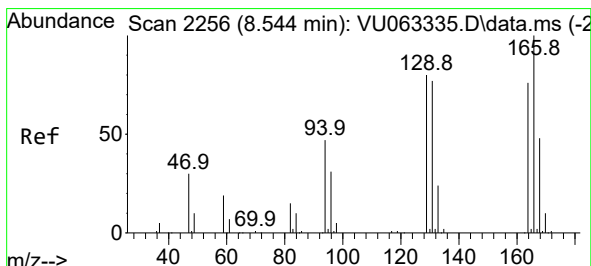
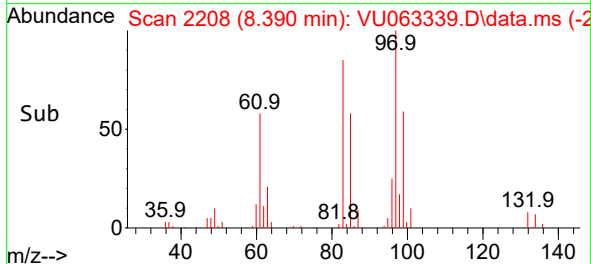
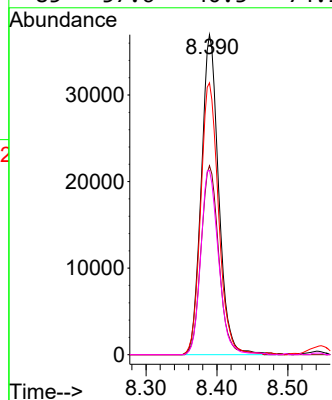
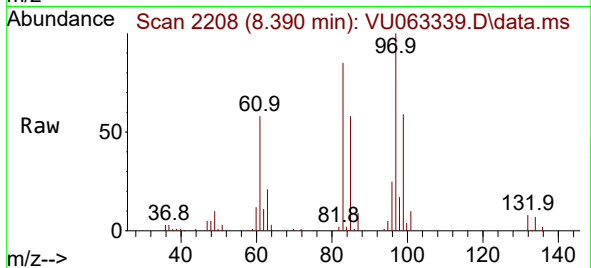




#45
1,1,2-Trichloroethane
Concen: 5.21 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

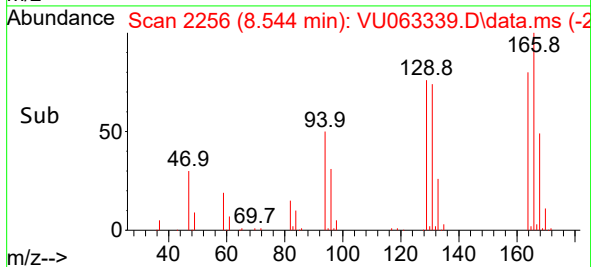
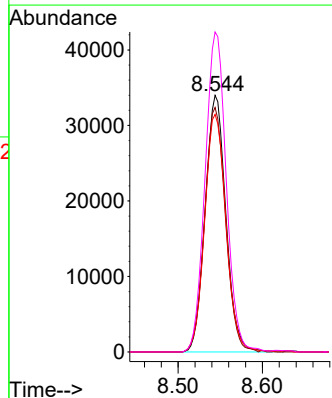
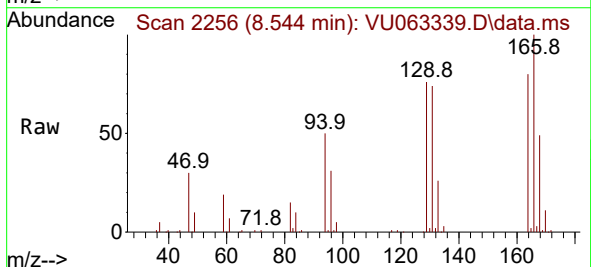
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

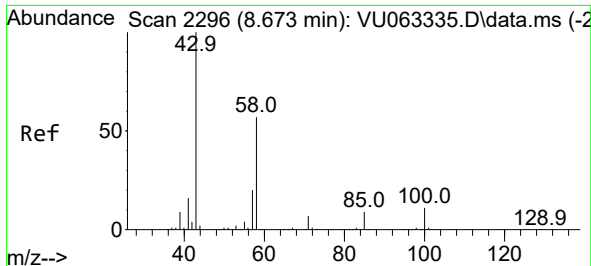
Tgt Ion:	97	Resp:	62978
Ion	Ratio	Lower	Upper
97	100		
99	59.0	43.8	81.3
83	85.0	63.5	117.9
85	57.6	40.3	74.9



#47
Tetrachloroethene
Concen: 5.16 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion:	164	Resp:	58218
Ion	Ratio	Lower	Upper
164	100		
129	95.3	69.9	129.9
131	92.6	66.1	122.7
166	124.7	89.6	166.4

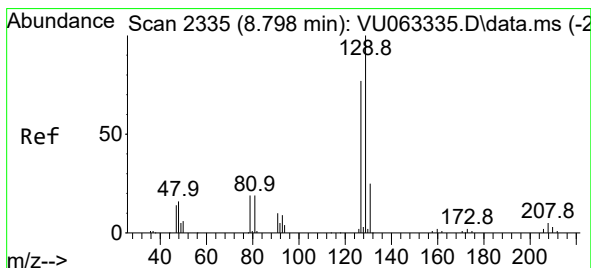
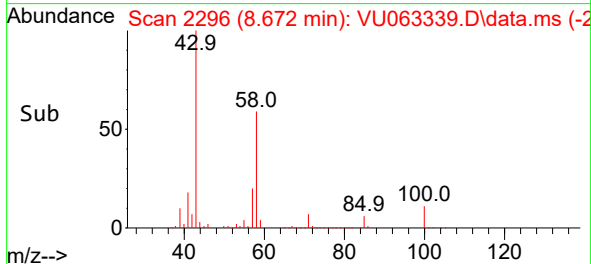
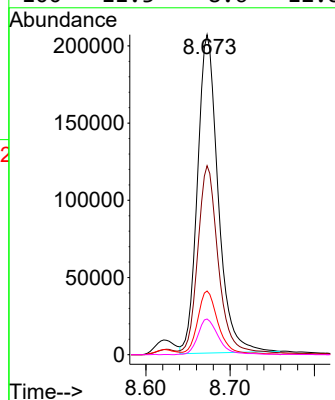
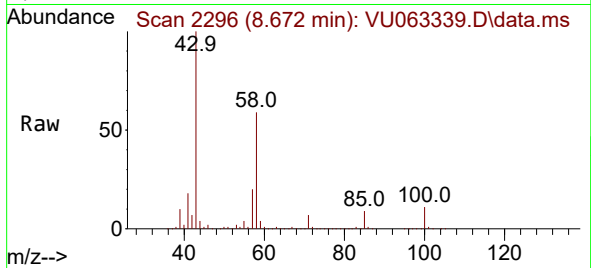




#48
2-Hexanone
Concen: 52.51 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

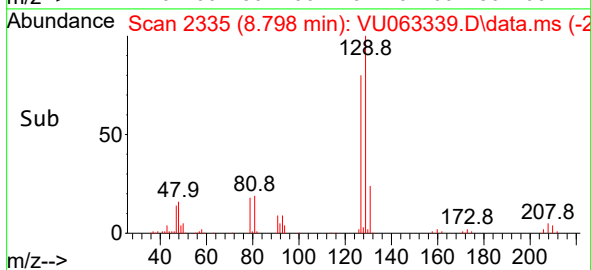
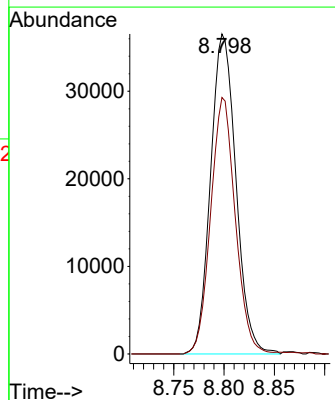
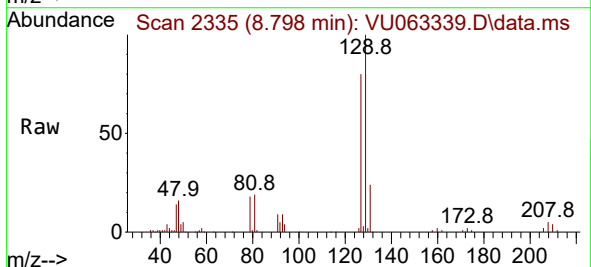
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

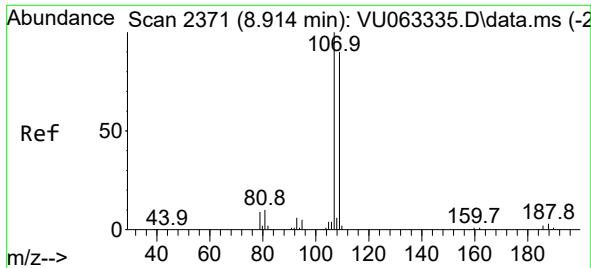
Tgt Ion: 43 Resp: 352239
Ion Ratio Lower Upper
43 100
58 59.7 45.7 68.5
57 18.9 15.2 22.8
100 11.3 8.6 12.8



#49
Dibromochloromethane
Concen: 4.97 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 129 Resp: 64182
Ion Ratio Lower Upper
129 100
127 80.1 53.8 100.0

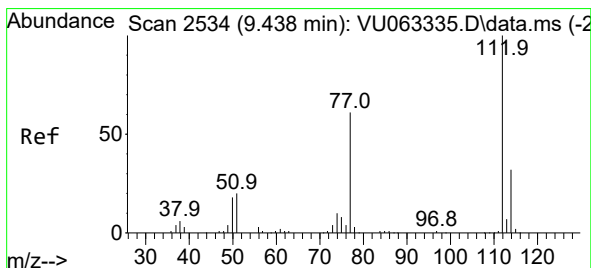
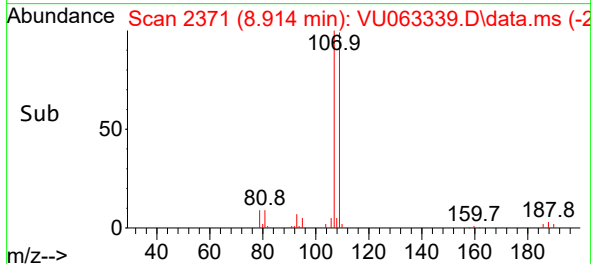
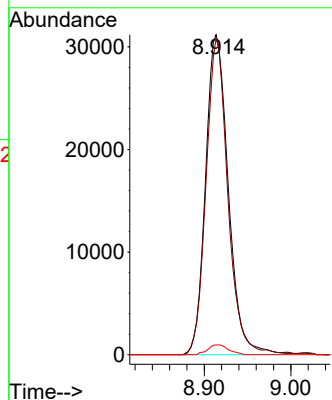
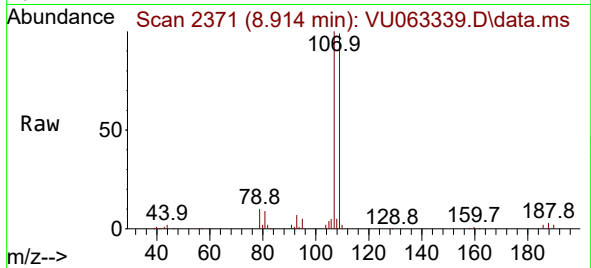




#50
1,2-Dibromoethane
Concen: 5.08 ug/L
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

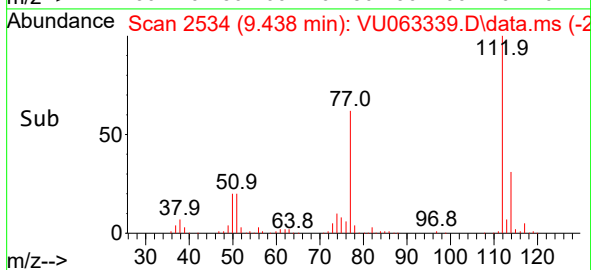
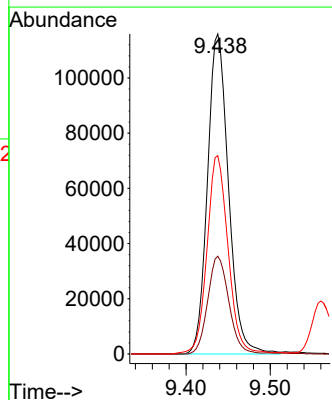
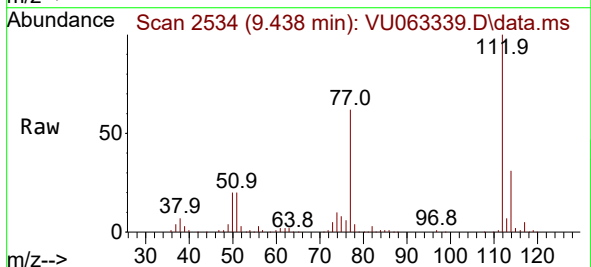
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

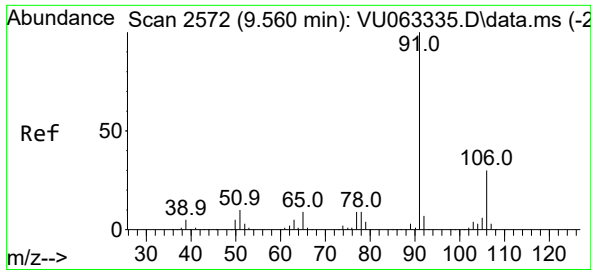
Tgt Ion:107 Resp: 56928
Ion Ratio Lower Upper
107 100
109 98.8 67.2 124.8
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 5.03 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion:112 Resp: 201231
Ion Ratio Lower Upper
112 100
114 30.6 21.7 40.3
77 62.0 49.8 74.6

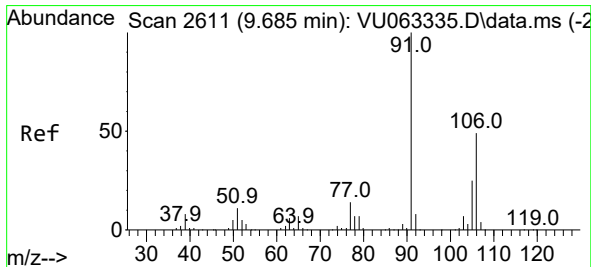
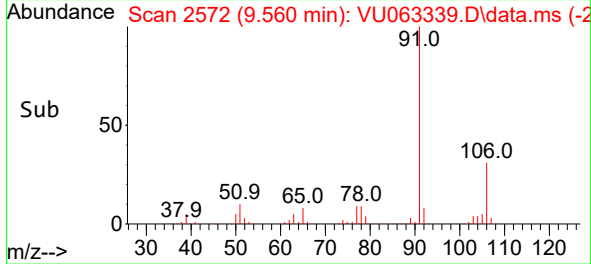
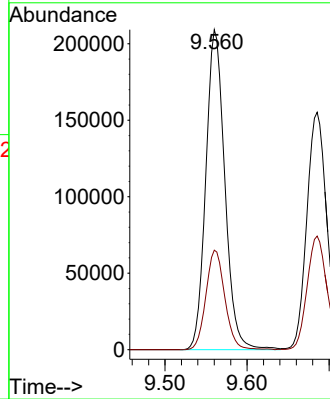
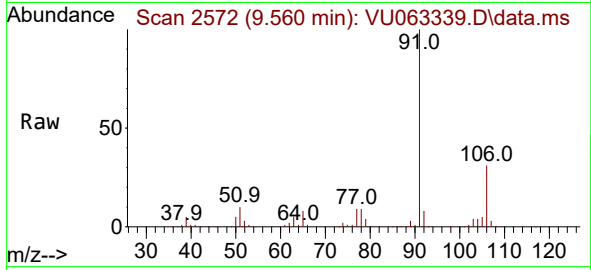




#52
Ethylbenzene
Concen: 5.12 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

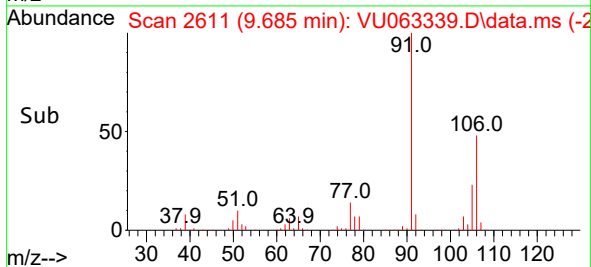
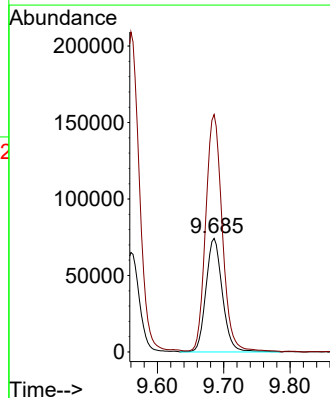
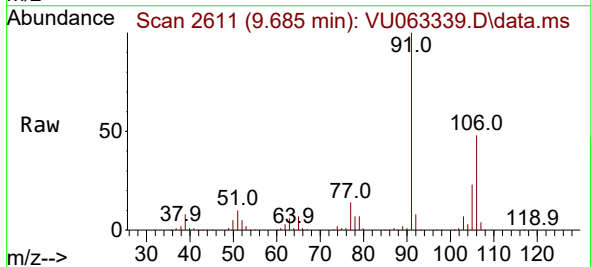
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

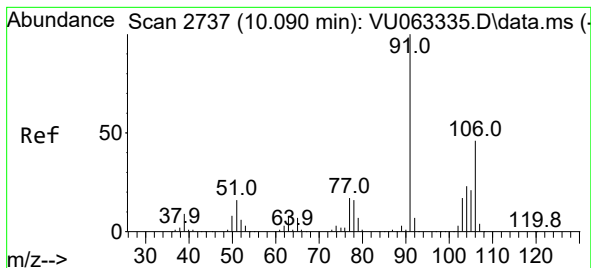
Tgt Ion: 91 Resp: 336694
Ion Ratio Lower Upper
91 100
106 31.1 21.1 39.1



#53
m,p-Xylene
Concen: 5.33 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 106 Resp: 128147
Ion Ratio Lower Upper
106 100
91 208.9 146.3 271.7





#54

o-Xylene

Concen: 5.32 ug/L

RT: 10.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

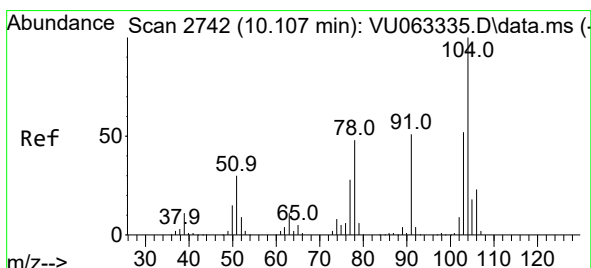
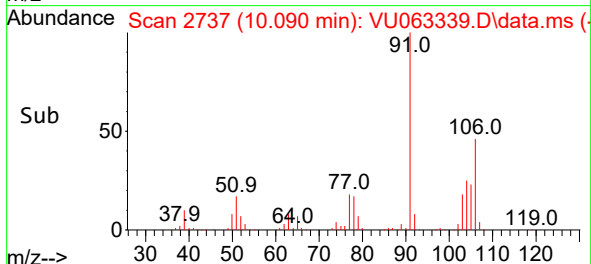
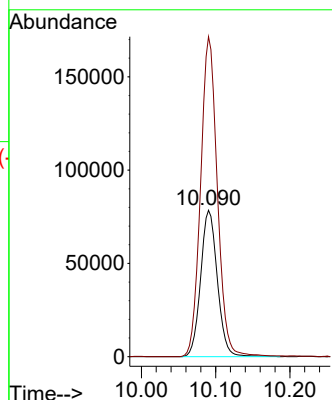
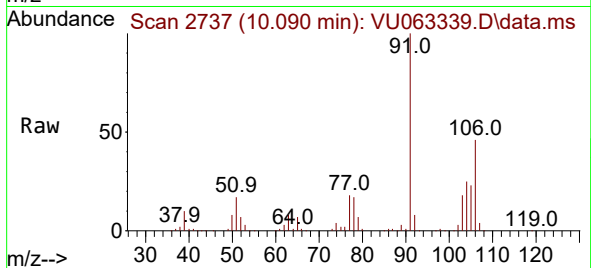
VSTD005139

Tgt Ion:106 Resp: 122607

Ion Ratio Lower Upper

106 100

91 218.6 155.6 289.0



#55

Styrene

Concen: 5.42 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063339.D

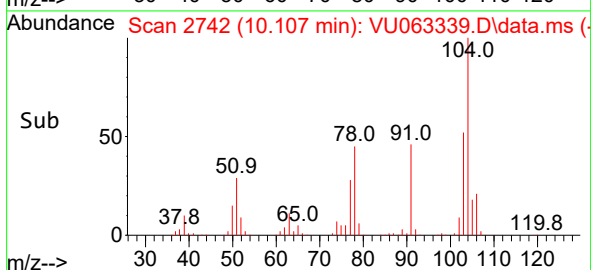
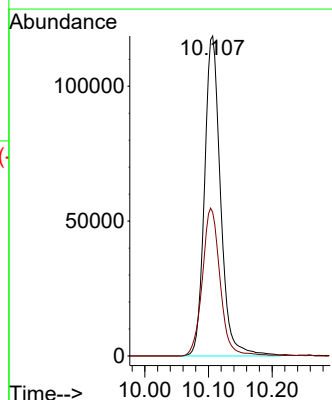
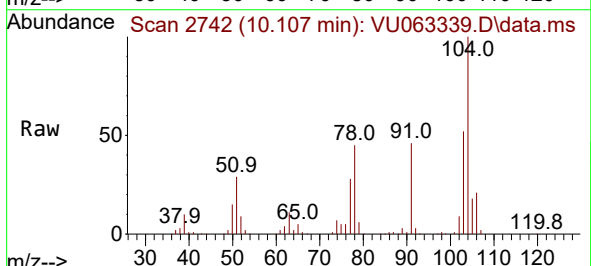
Acq: 04 Apr 2025 12:26

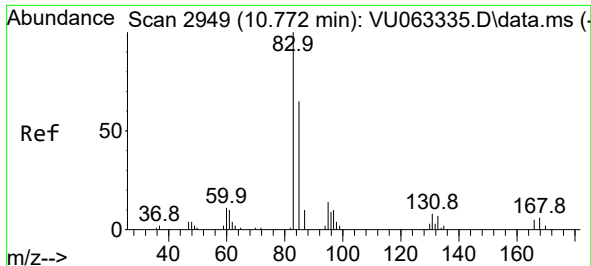
Tgt Ion:104 Resp: 208502

Ion Ratio Lower Upper

104 100

78 44.9 32.1 59.5

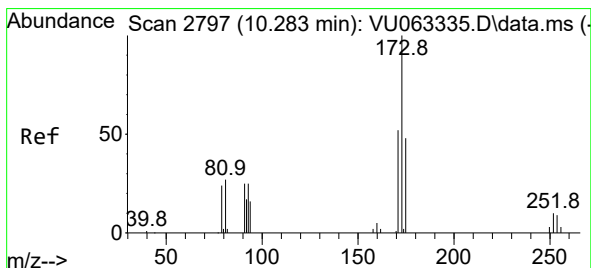
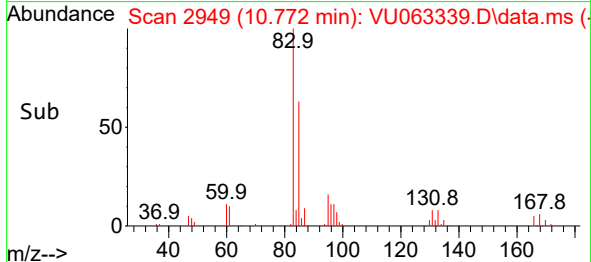
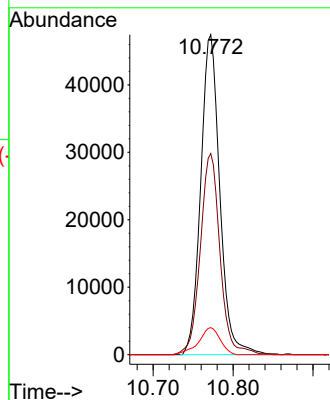
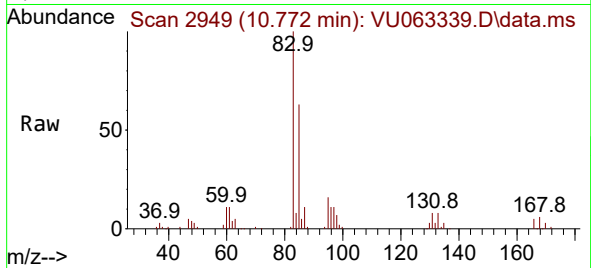




#57
1,1,2,2-Tetrachloroethane
Concen: 4.99 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

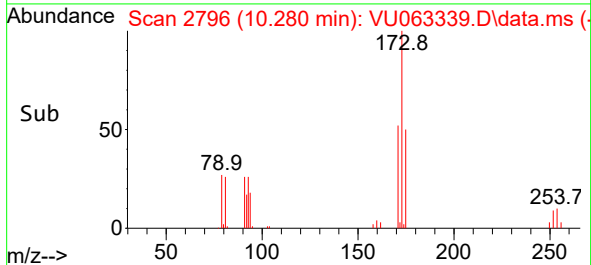
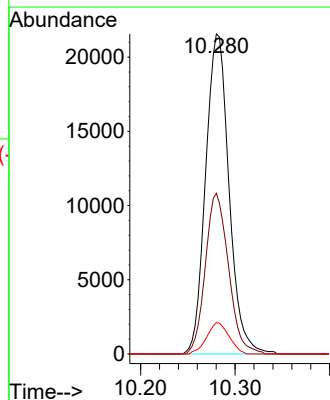
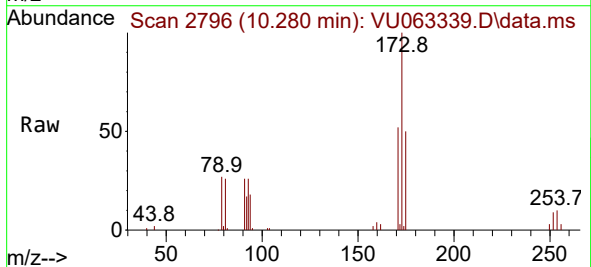
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

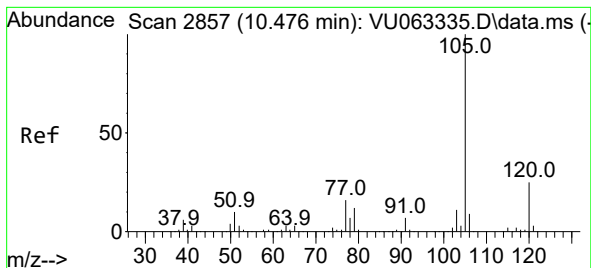
Tgt Ion: 83 Resp: 78915
Ion Ratio Lower Upper
83 100
85 62.8 45.0 83.6
131 8.4 7.1 10.7



#59
Bromoform
Concen: 4.54 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion:173 Resp: 37048
Ion Ratio Lower Upper
173 100
175 49.7 39.4 59.0
254 9.3 7.2 10.8





#60

Isopropylbenzene

Concen: 5.06 ug/L

RT: 10.473 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD005139

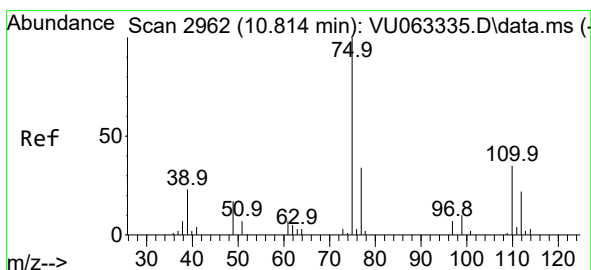
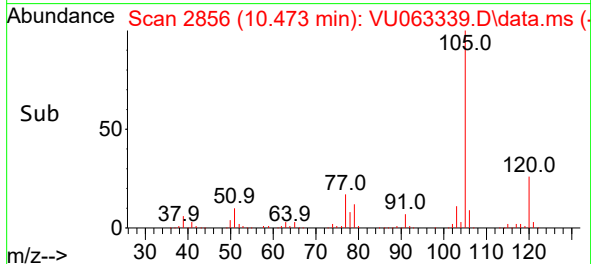
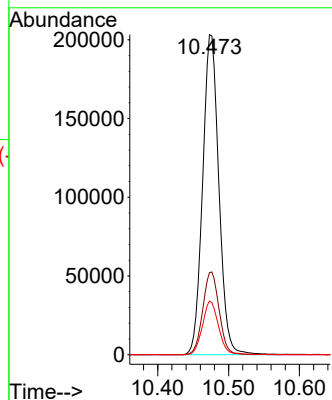
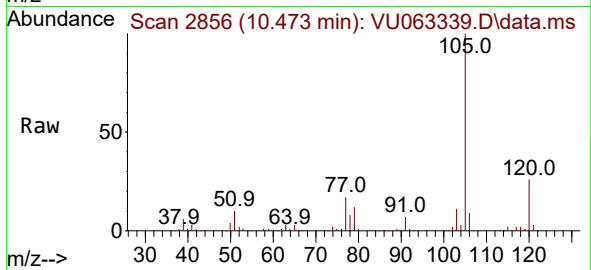
Tgt Ion:105 Resp: 322944

Ion Ratio Lower Upper

105 100

120 26.0 20.7 31.1

77 16.6 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 4.70 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

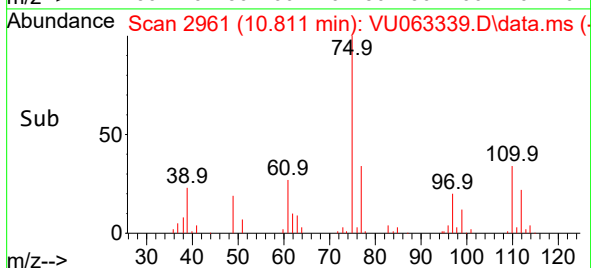
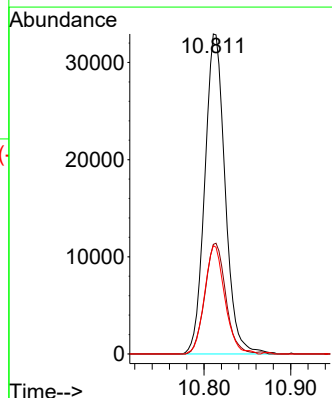
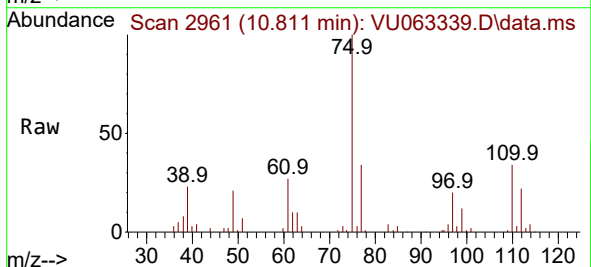
Tgt Ion: 75 Resp: 53793

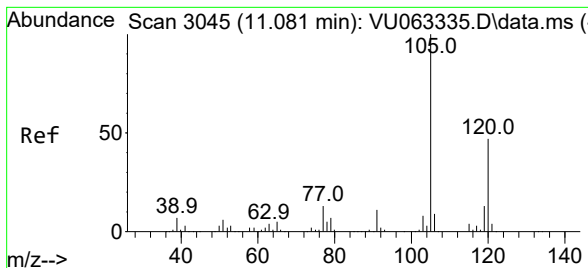
Ion Ratio Lower Upper

75 100

110 35.4 27.0 40.6

77 33.7 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.98 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

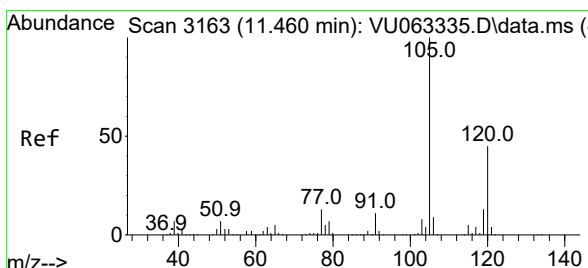
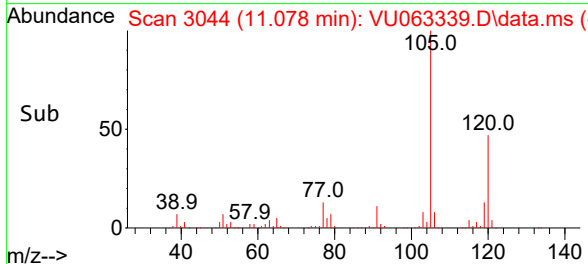
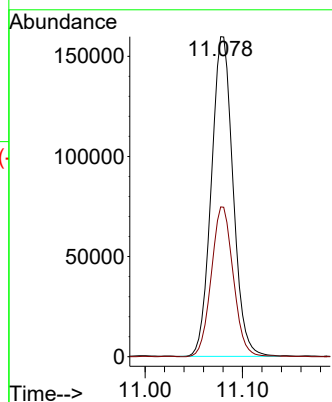
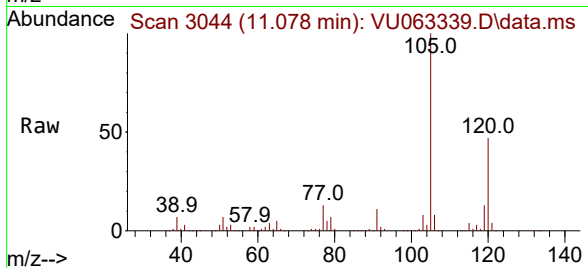
VSTD005139

Tgt Ion:105 Resp: 247527

Ion Ratio Lower Upper

105 100

120 47.4 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.12 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU063339.D

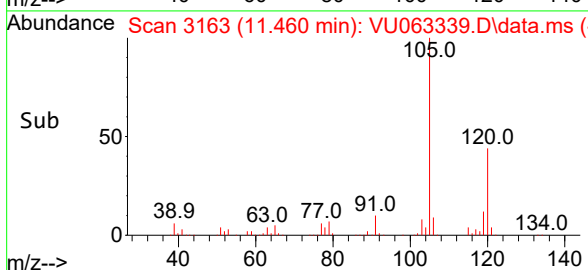
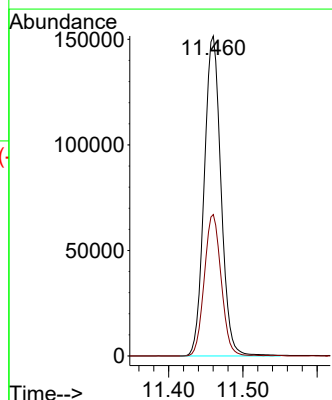
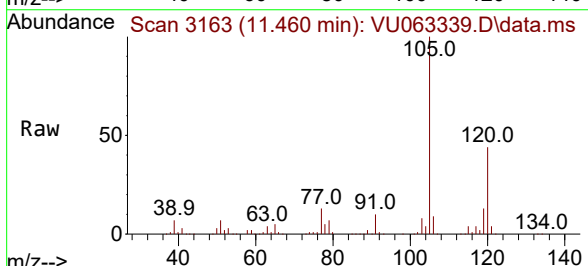
Acq: 04 Apr 2025 12:26

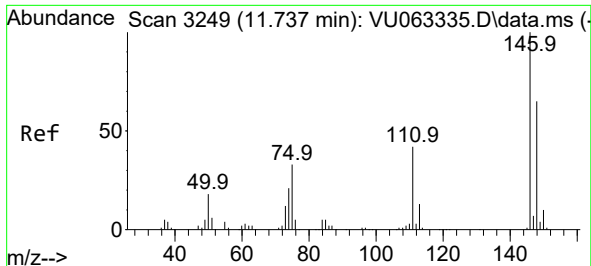
Tgt Ion:105 Resp: 237599

Ion Ratio Lower Upper

105 100

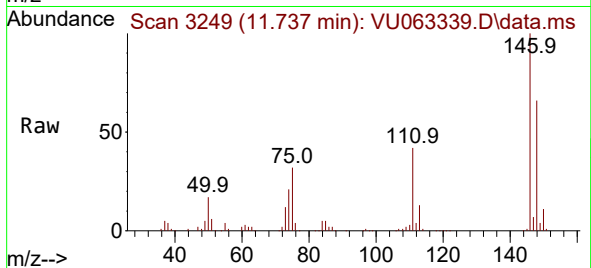
120 44.3 35.0 52.6



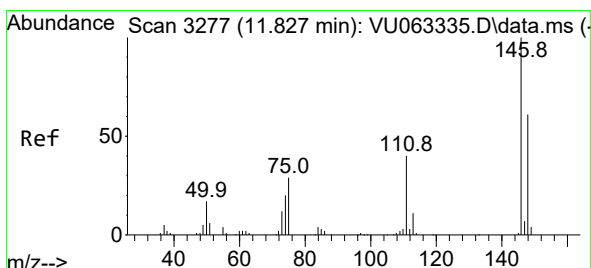
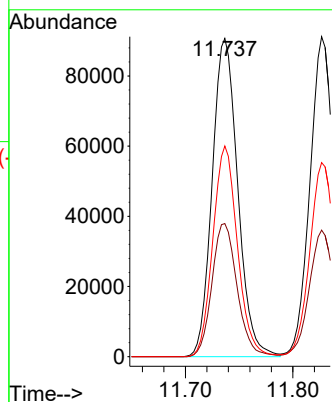
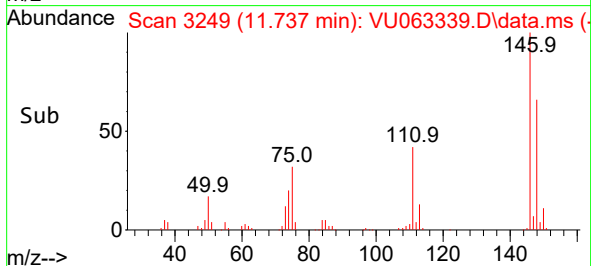


#64
1,3-Dichlorobenzene
Concen: 4.92 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

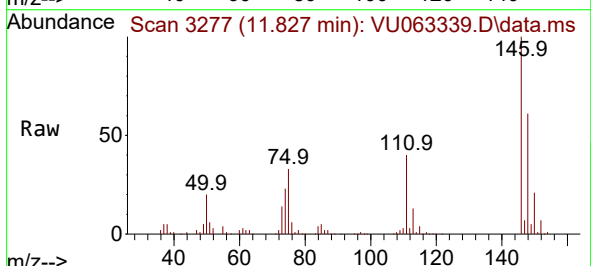
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139



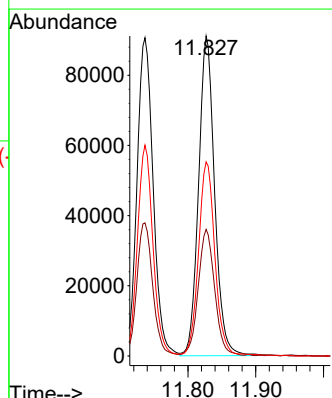
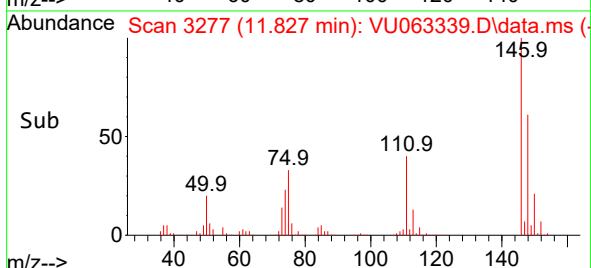
Tgt Ion:146 Resp: 149778
Ion Ratio Lower Upper
146 100
111 41.8 28.4 52.8
148 66.2 44.0 81.6

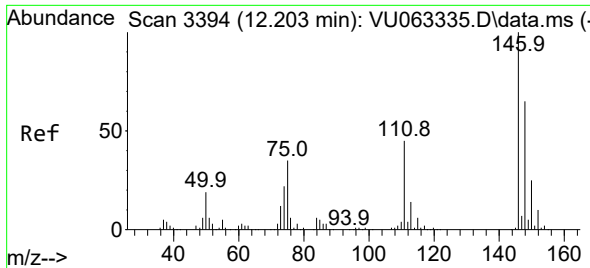


#65
1,4-Dichlorobenzene
Concen: 4.94 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26



Tgt Ion:146 Resp: 149867
Ion Ratio Lower Upper
146 100
111 39.5 28.8 53.6
148 60.7 45.3 84.1

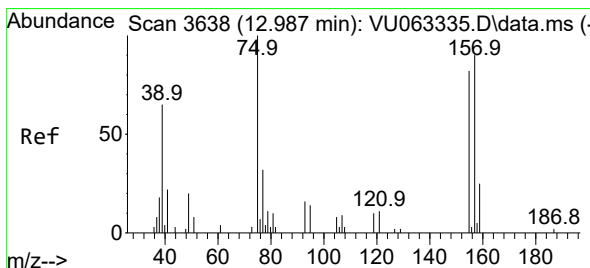
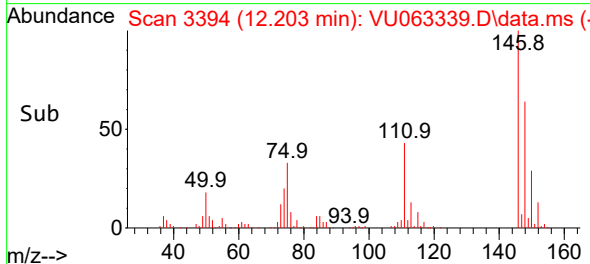
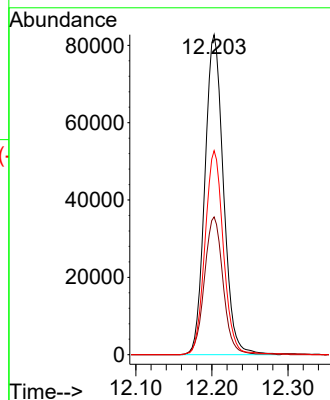
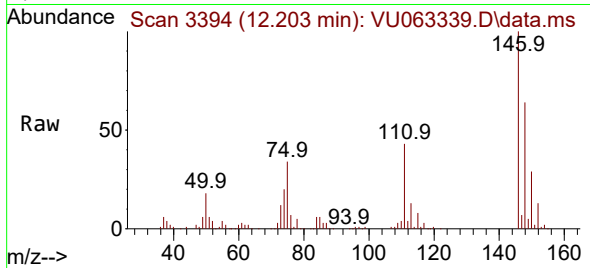




#67
1,2-Dichlorobenzene
Concen: 4.84 ug/L
RT: 12.203 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

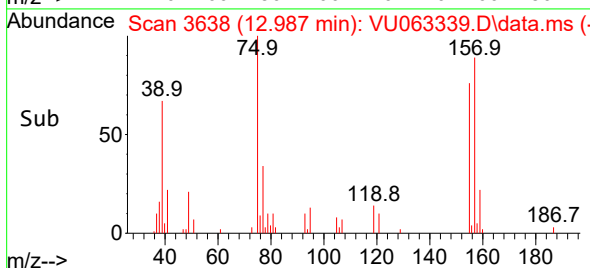
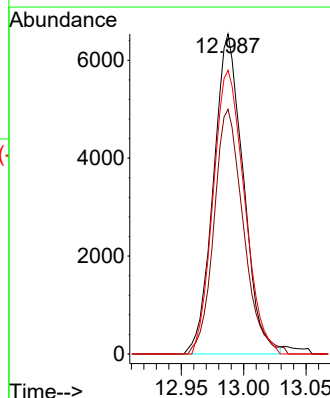
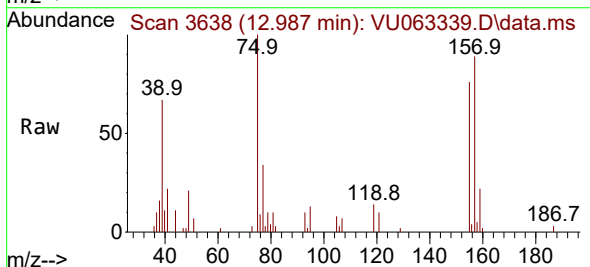
Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

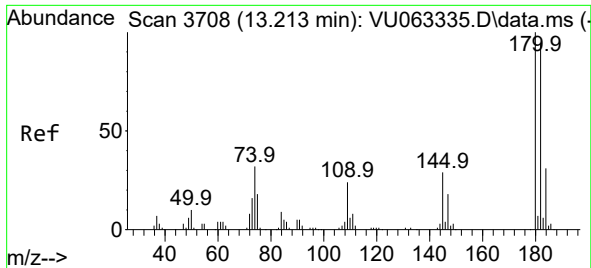
Tgt Ion:146 Resp: 140391
Ion Ratio Lower Upper
146 100
111 43.1 33.8 50.8
148 63.8 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.56 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

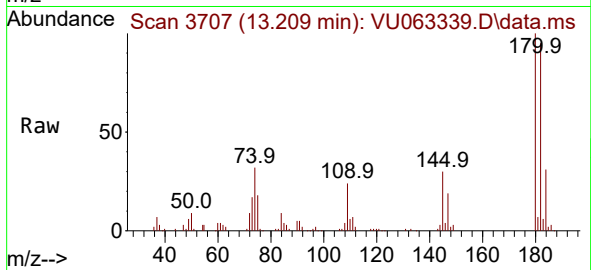
Tgt Ion: 75 Resp: 10899
Ion Ratio Lower Upper
75 100
155 76.4 63.6 95.4
157 88.7 78.9 118.3



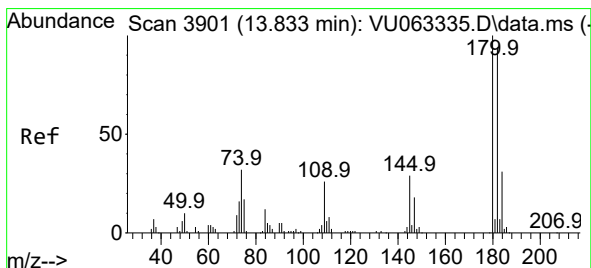
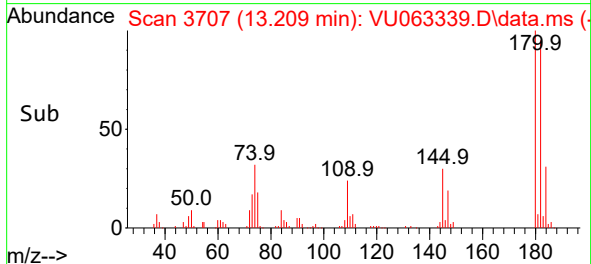
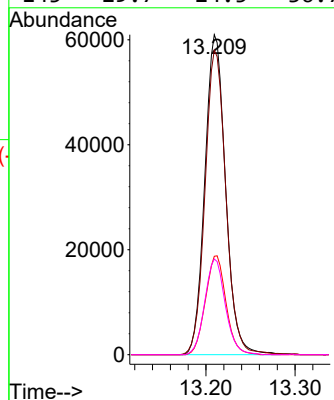


#69
1,3,5-Trichlorobenzene
Concen: 4.77 ug/L
RT: 13.209 min Scan# 3707
Delta R.T. -0.003 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD005139

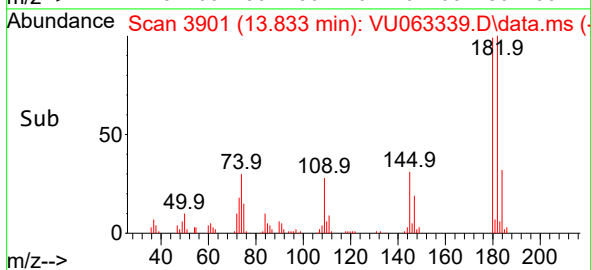
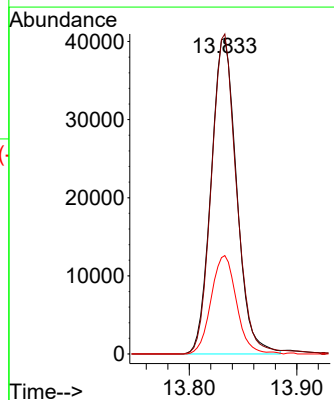
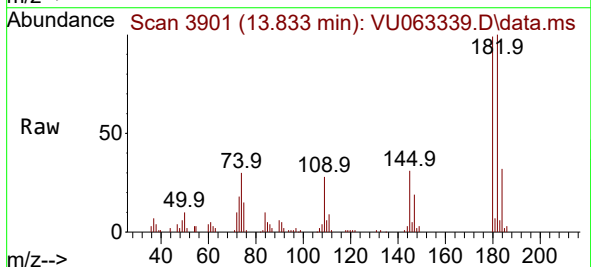


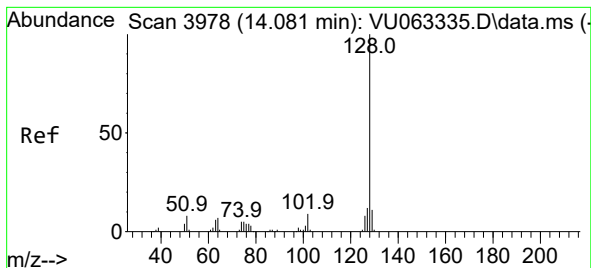
Tgt Ion:180 Resp: 98406
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.6
184 30.6 24.6 37.0
145 29.7 24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 4.60 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063339.D
Acq: 04 Apr 2025 12:26

Tgt Ion:180 Resp: 66695
Ion Ratio Lower Upper
180 100
182 99.9 76.7 115.1
145 30.9 24.5 36.7





#71

Naphthalene

Concen: 4.53 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD005139

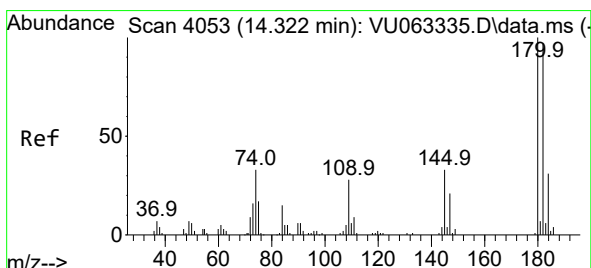
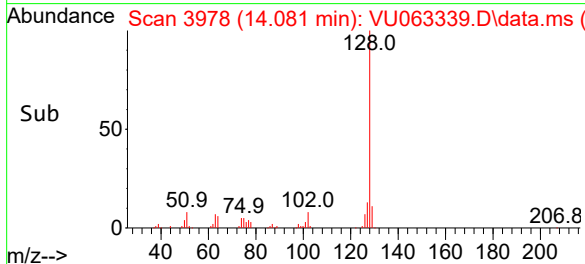
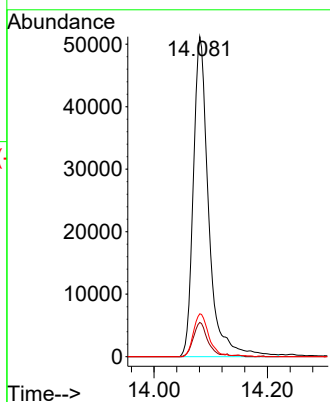
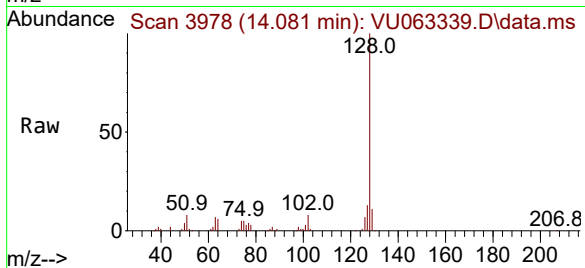
Tgt Ion:128 Resp: 96328

Ion Ratio Lower Upper

128 100

129 9.9 8.5 12.7

127 13.4 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 4.65 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063339.D

Acq: 04 Apr 2025 12:26

Tgt Ion:180 Resp: 60249

Ion Ratio Lower Upper

180 100

182 98.2 77.3 115.9

145 33.4 26.8 40.2

