

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031725\
 Data File : VU063293.D
 Acq On : 17 Mar 2025 13:56
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV032

Quant Time: Mar 21 09:19:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 21 09:04:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	295752	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	286399	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	142517	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	116515	47.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.34%		
7) Chloroethane-d5	1.891	69	96848	47.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.40%		
11) 1,1-Dichloroethene-d2	2.554	63	209691	48.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.90%		
21) 2-Butanone-d5	4.608	46	176172	98.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.77%		
24) Chloroform-d	5.046	84	219874	47.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.22%		
26) 1,2-Dichloroethane-d4	5.685	65	135213	46.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.92%		
32) Benzene-d6	5.714	84	439499	48.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.82%		
36) 1,2-Dichloropropane-d6	6.679	67	142549	48.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.54%		
41) Toluene-d8	7.888	98	405194	50.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.44%		
43) trans-1,3-Dichloroprop...	8.171	79	64077	49.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.00%		
47) 2-Hexanone-d5	8.621	63	112178	101.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.17%		
56) 1,1,2,2-Tetrachloroeth...	10.743	84	208230	47.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.86%		
66) 1,2-Dichlorobenzene-d4	12.184	152	139257	48.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	121949	49.23	ug/L	100
3) Chloromethane	1.518	50	134731	48.49	ug/L	100
5) Vinyl chloride	1.599	62	139191	49.16	ug/L	100
6) Bromomethane	1.830	94	75972	47.77	ug/L	97
8) Chloroethane	1.914	64	84889	49.09	ug/L	97
9) Trichlorofluoromethane	2.123	101	162852	49.80	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	99646	49.84	ug/L	99
12) 1,1-Dichloroethene	2.567	96	97995	51.17	ug/L	95
13) Acetone	2.615	43	122324	100.99	ug/L	100
14) Carbon disulfide	2.779	76	313908	51.45	ug/L	99
15) Methyl Acetate	2.936	43	132388	49.89	ug/L #	100
16) Methylene chloride	3.030	84	117015	49.79	ug/L	98
17) trans-1,2-Dichloroethene	3.338	96	104365	51.49	ug/L	99
18) Methyl tert-butyl Ether	3.348	73	330098	50.96	ug/L	99
19) 1,1-Dichloroethane	3.849	63	211544	50.95	ug/L	99
20) cis-1,2-Dichloroethene	4.650	96	119985	51.58	ug/L	98
22) 2-Butanone	4.689	43	186313	105.97	ug/L	97
23) Bromochloromethane	4.959	128	60644	50.85	ug/L	98
25) Chloroform	5.071	83	208488	49.88	ug/L	98

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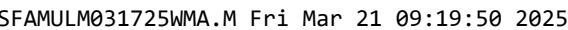
Instrument :
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 VICV032

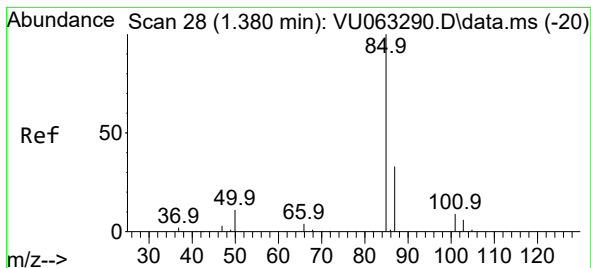
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 21 09:04:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	169068	51.51	ug/L	99
29) Cyclohexane	5.373	56	174572	52.46	ug/L	100
30) 1,1,1-Trichloroethane	5.303	97	171737	51.39	ug/L	97
31) Carbon tetrachloride	5.512	117	142960	51.36	ug/L	98
33) Benzene	5.759	78	471649	52.23	ug/L	100
34) Trichloroethene	6.531	95	120339	52.29	ug/L	96
35) Methylcyclohexane	6.750	83	174163	53.01	ug/L	99
37) 1,2-Dichloropropane	6.779	63	128944	50.94	ug/L	100
38) Bromodichloromethane	7.094	83	153681	49.38	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	192636	51.95	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	350664	106.53	ug/L	100
42) Toluene	7.959	91	496123	53.11	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	177285	51.75	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	120834	50.28	ug/L	99
46) Tetrachloroethene	8.544	164	87223	53.70	ug/L	99
48) 2-Hexanone	8.672	43	280549	111.79	ug/L	97
49) Dibromochloromethane	8.798	129	119165	51.11	ug/L	100
50) 1,2-Dibromoethane	8.910	107	128625	51.26	ug/L	99
51) Chlorobenzene	9.438	112	298866	50.81	ug/L	99
52) Ethylbenzene	9.560	91	524049	53.60	ug/L	99
53) m,p-Xylene	9.685	106	193461	53.57	ug/L	98
54) o-Xylene	10.090	106	190726	54.18	ug/L	100
55) Styrene	10.106	104	326285	56.14	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	213583	51.12	ug/L	97
59) Bromoform	10.280	173	96112	51.13	ug/L	99
60) 1,2,3-Trichloropropane	10.811	75	164377	49.70	ug/L	99
61) Isopropylbenzene	10.473	105	500989	53.60	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	401416	54.43	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	389865	55.12	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	227553	51.58	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	229364	51.18	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	228001	51.26	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	44865	52.00	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	155288	52.31	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	122665	53.45	ug/L	98
71) Naphthalene	14.081	128	383955	60.80	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	123278	54.96	ug/L	98

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

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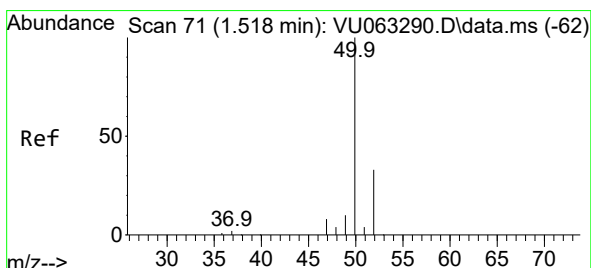
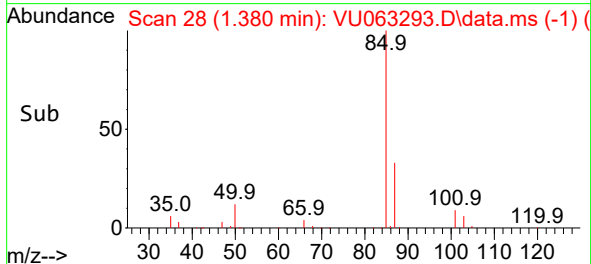
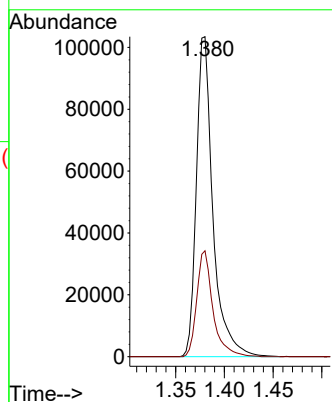
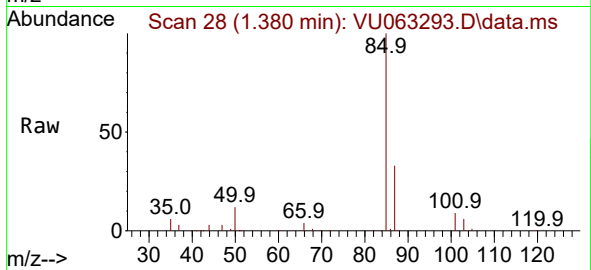




#2
 Dichlorodifluoromethane
 Concen: 49.23 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU063293.D
 Acq: 17 Mar 2025 13:56

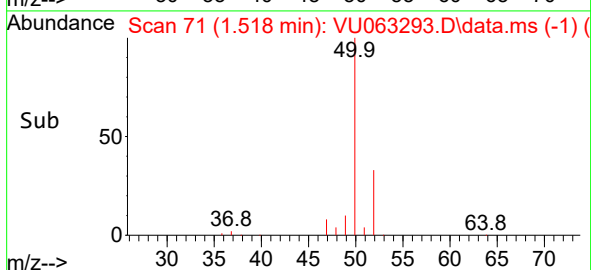
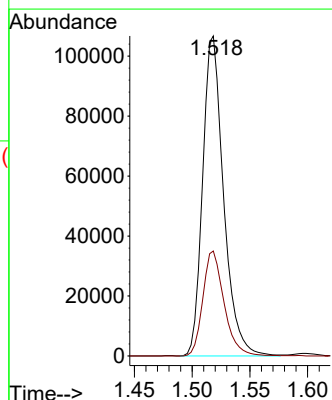
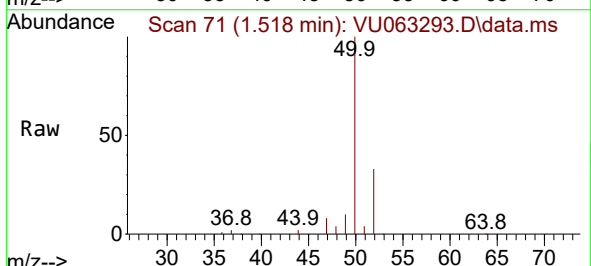
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV032

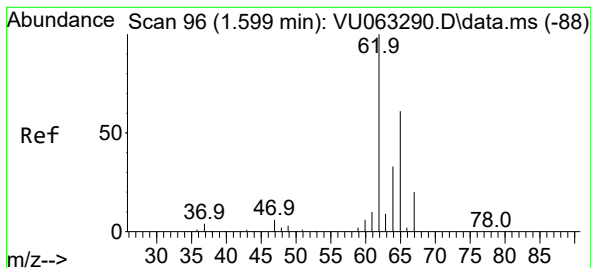
Tgt Ion: 85 Resp: 121949
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.6



#3
 Chloromethane
 Concen: 48.49 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU063293.D
 Acq: 17 Mar 2025 13:56

Tgt Ion: 50 Resp: 134731
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.0





#5

Vinyl chloride

Concen: 49.16 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

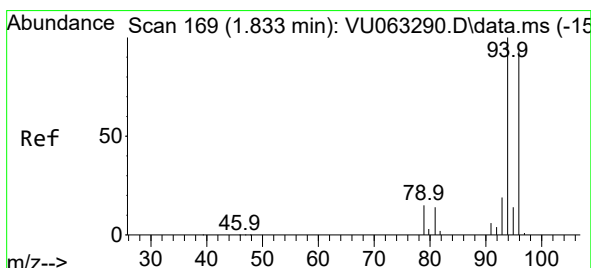
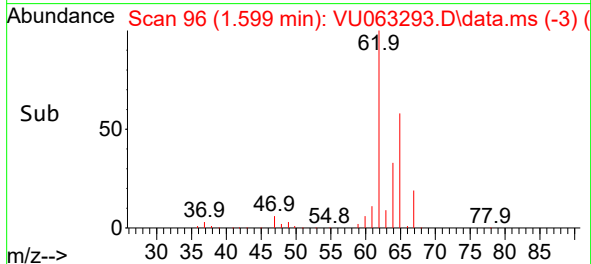
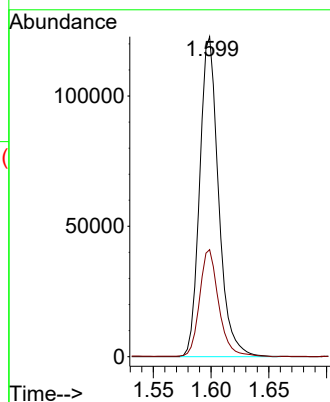
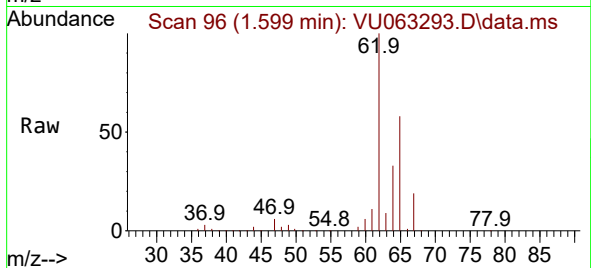
VICV032

Tgt Ion: 62 Resp: 139191

Ion Ratio Lower Upper

62 100

64 33.5 23.2 43.2



#6

Bromomethane

Concen: 47.77 ug/L

RT: 1.830 min Scan# 168

Delta R.T. -0.003 min

Lab File: VU063293.D

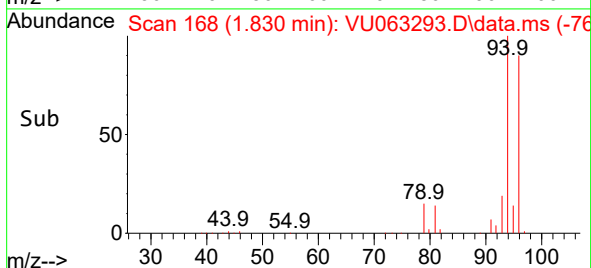
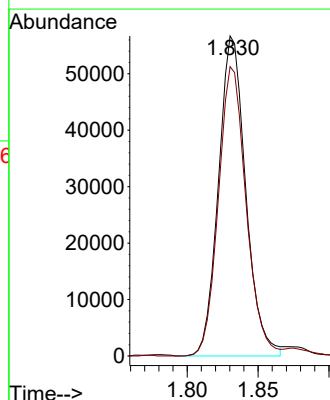
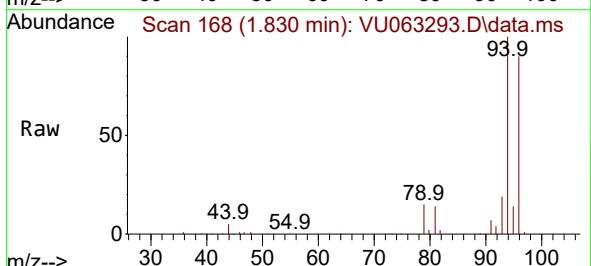
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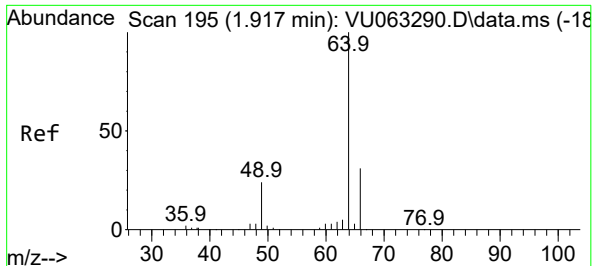
Tgt Ion: 94 Resp: 75972

Ion Ratio Lower Upper

94 100

96 90.4 65.2 121.2

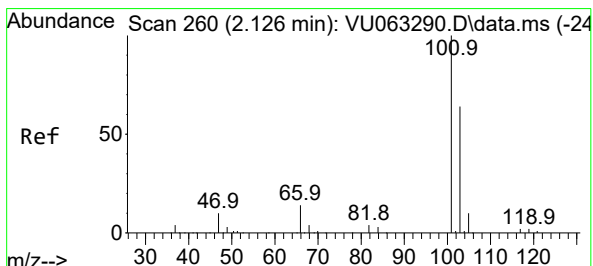
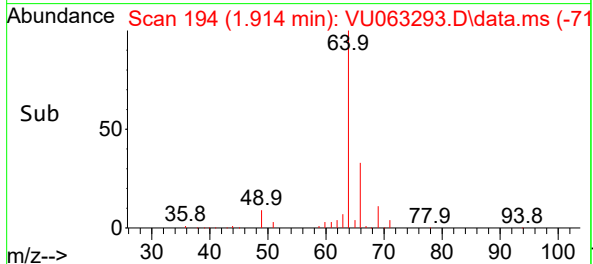
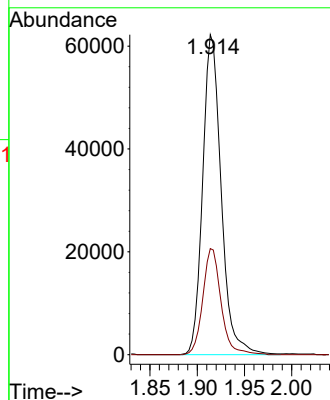
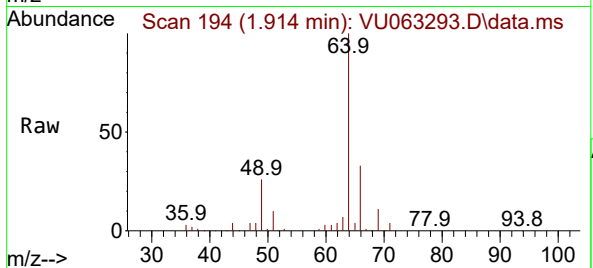




#8
Chloroethane
Concen: 49.09 ug/L
RT: 1.914 min Scan# 194
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

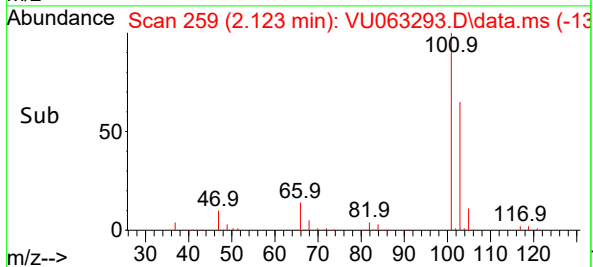
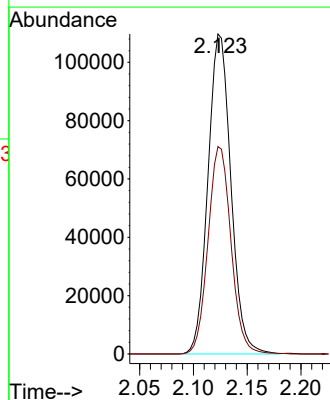
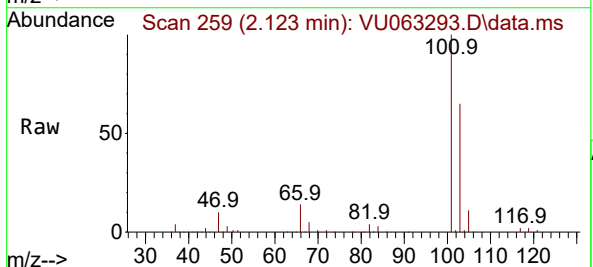
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VICV032

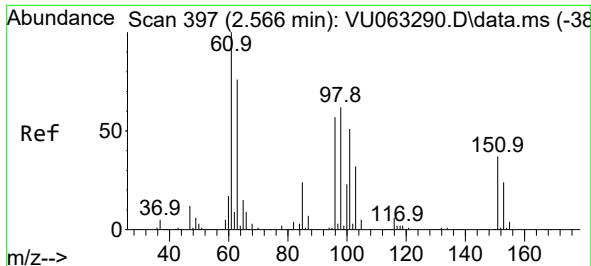
Tgt Ion: 64 Resp: 84889
Ion Ratio Lower Upper
64 100
66 33.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 49.80 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion:101 Resp: 162852
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8

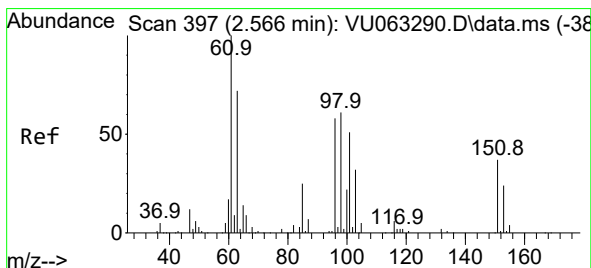
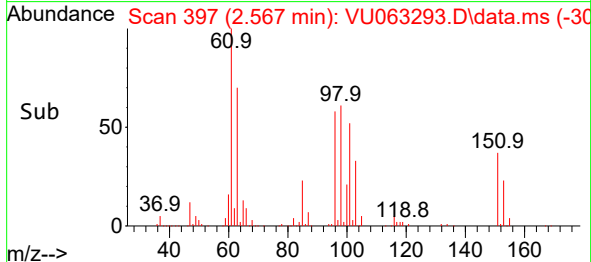
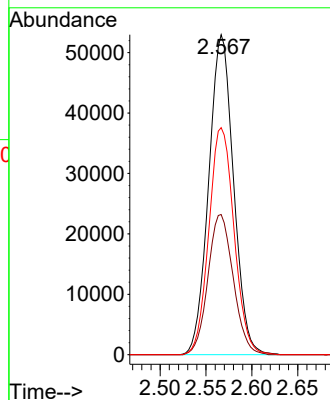
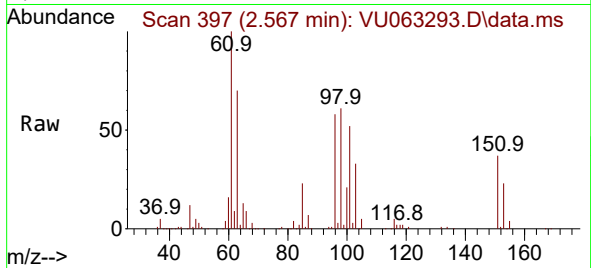




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.84 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. 0.001 min
 Lab File: VU063293.D
 Acq: 17 Mar 2025 13:56

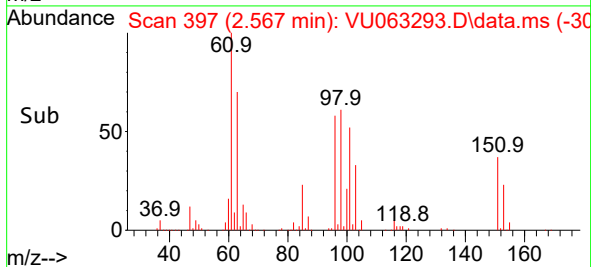
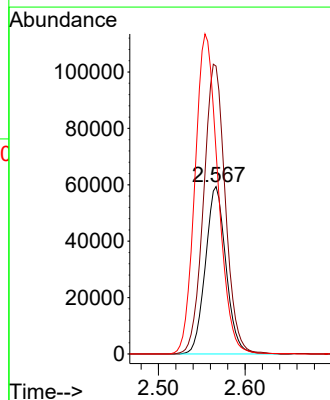
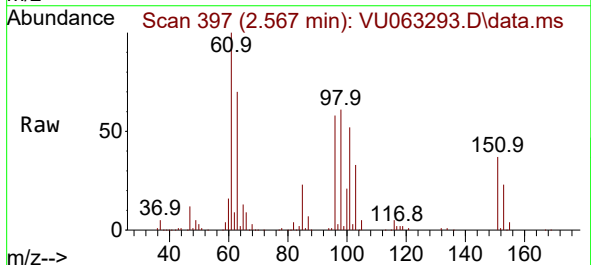
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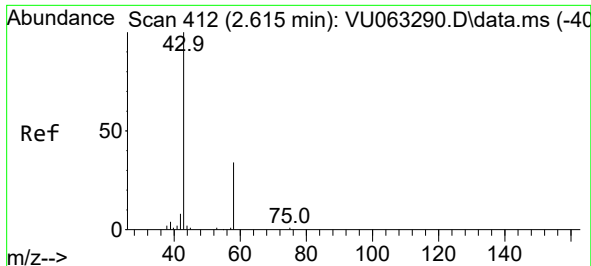
Tgt Ion:101 Resp: 99646
 Ion Ratio Lower Upper
 101 100
 85 44.7 36.5 54.7
 151 72.2 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 51.17 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. 0.001 min
 Lab File: VU063293.D
 Acq: 17 Mar 2025 13:56

Tgt Ion: 96 Resp: 97995
 Ion Ratio Lower Upper
 96 100
 61 172.1 121.9 226.5
 63 121.2 93.2 173.0





#13

Acetone

Concen: 100.99 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

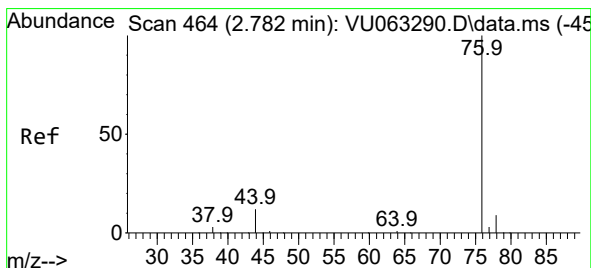
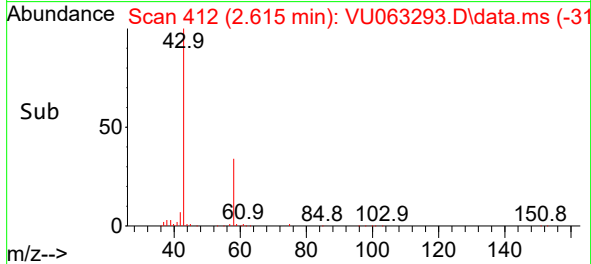
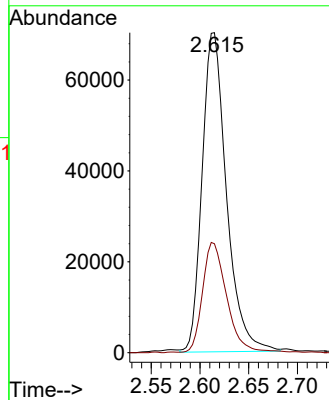
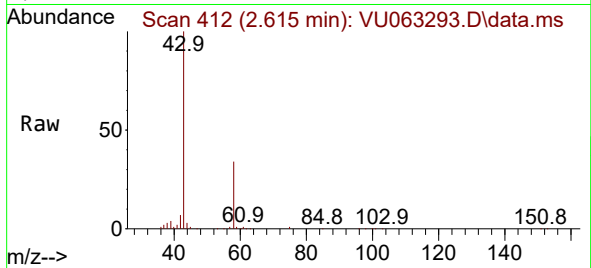
VICV032

Tgt Ion: 43 Resp: 122324

Ion Ratio Lower Upper

43 100

58 34.3 0.0 68.4



#14

Carbon disulfide

Concen: 51.45 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063293.D

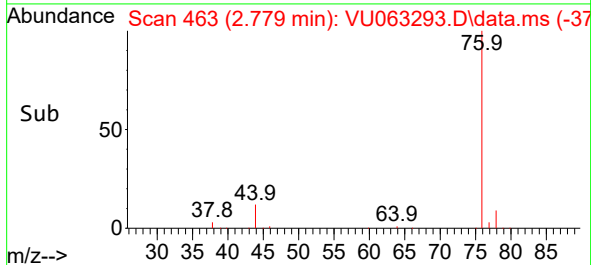
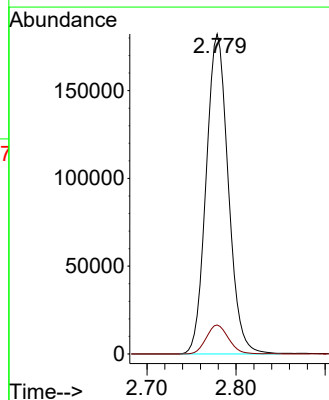
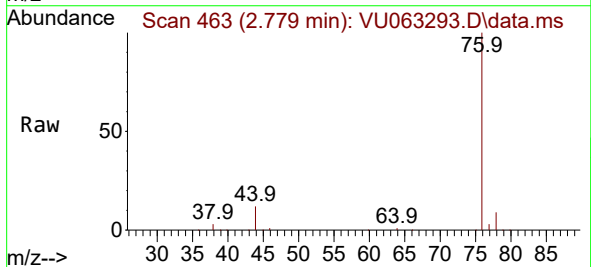
Acq: 17 Mar 2025 13:56

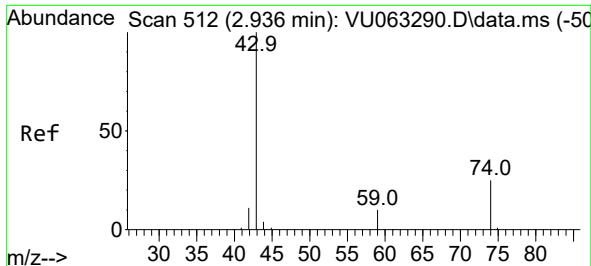
Tgt Ion: 76 Resp: 313908

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

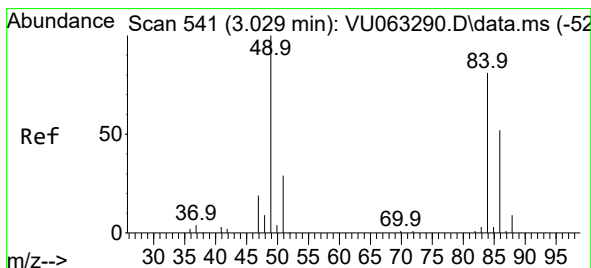
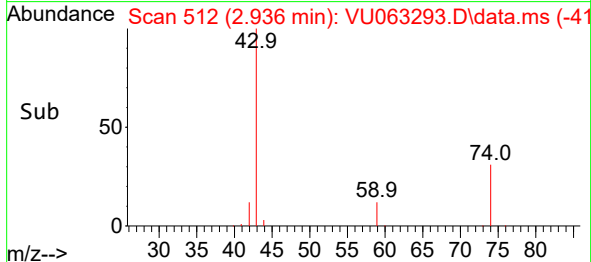
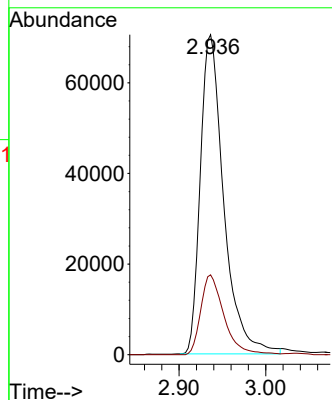
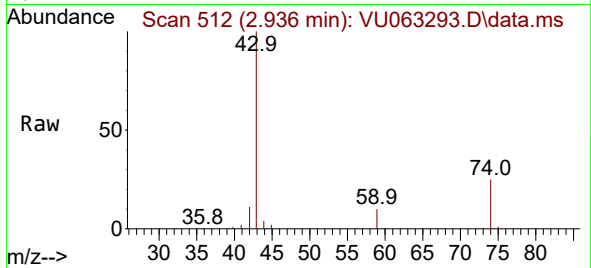




#15
Methyl Acetate
Concen: 49.89 ug/L
RT: 2.936 min Scan# 512
Delta R.T. 0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

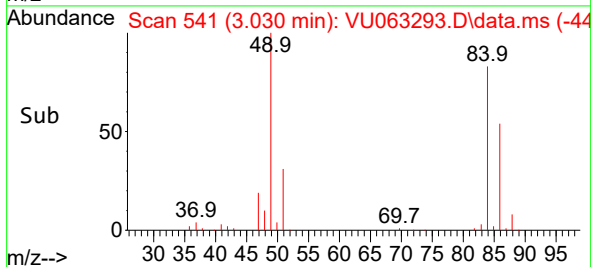
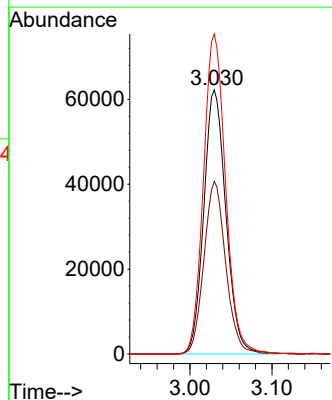
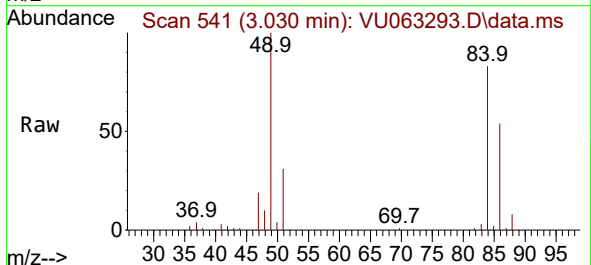
Instrument :
MSVOA_U
ClientSampleId :
VICV032

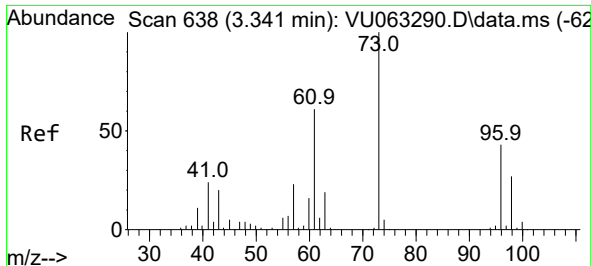
Tgt Ion: 43 Resp: 132388
Ion Ratio Lower Upper
43 100
74 24.6 0.0 0.0#



#16
Methylene chloride
Concen: 49.79 ug/L
RT: 3.030 min Scan# 541
Delta R.T. 0.001 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion: 84 Resp: 117015
Ion Ratio Lower Upper
84 100
86 65.3 44.4 82.5
49 121.1 86.3 160.3

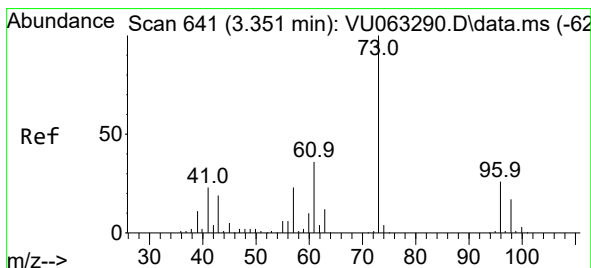
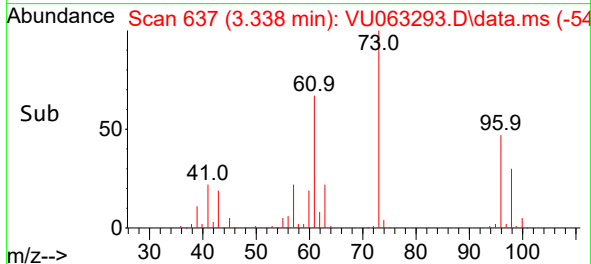
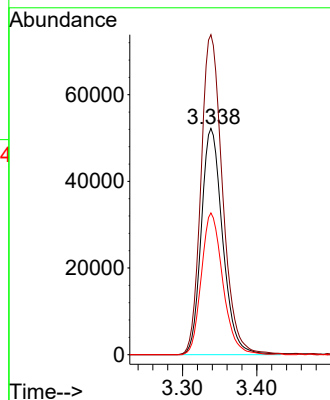
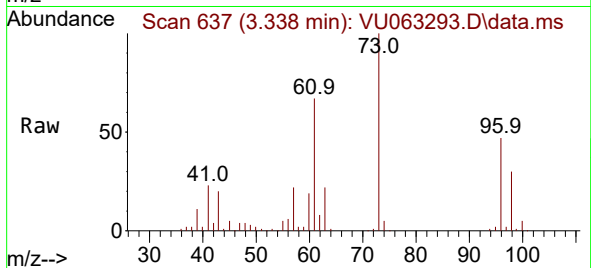




#17
trans-1,2-Dichloroethene
Concen: 51.49 ug/L
RT: 3.338 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

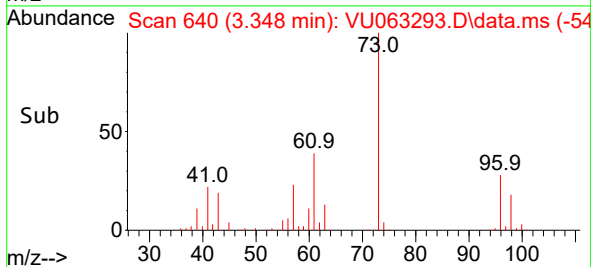
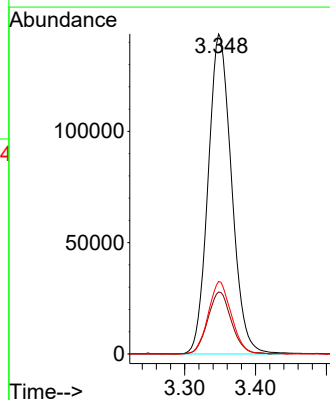
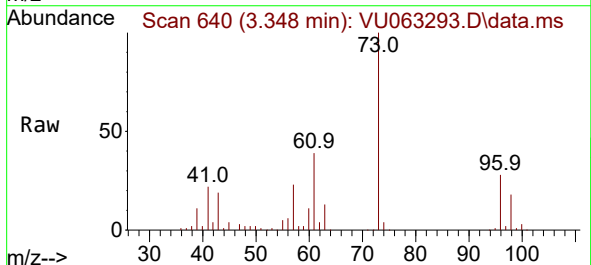
Instrument :
MSVOA_U
ClientSampleId :
VICV032

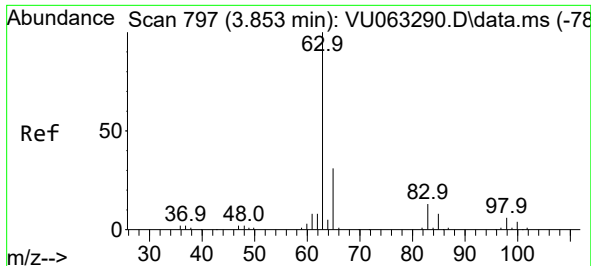
Tgt Ion: 96 Resp: 104365
Ion Ratio Lower Upper
96 100
61 141.4 100.1 185.9
98 62.6 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 50.96 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion: 73 Resp: 330098
Ion Ratio Lower Upper
73 100
43 19.6 15.4 23.2
57 22.4 18.3 27.5





#19

1,1-Dichloroethane

Concen: 50.95 ug/L

RT: 3.849 min Scan# 797

Delta R.T. -0.004 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

VICV032

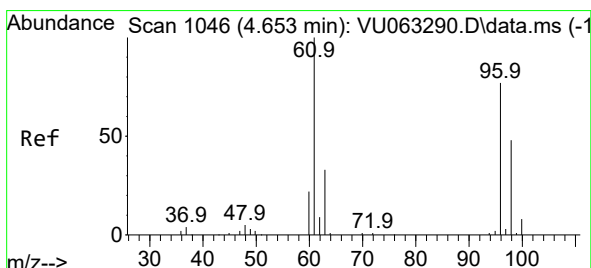
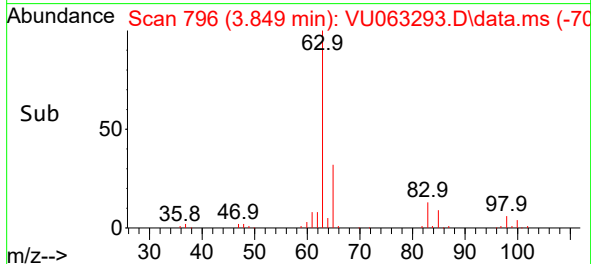
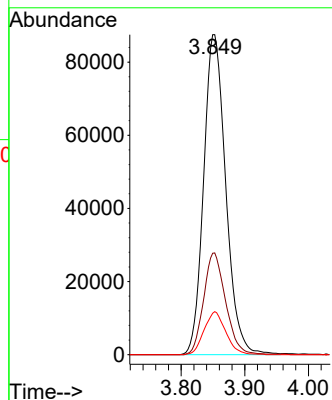
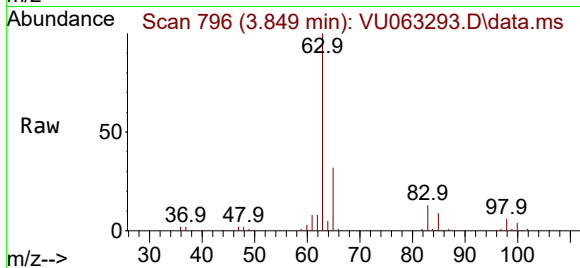
Tgt Ion: 63 Resp: 211544

Ion Ratio Lower Upper

63 100

65 31.7 21.9 40.7

83 12.9 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 51.58 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

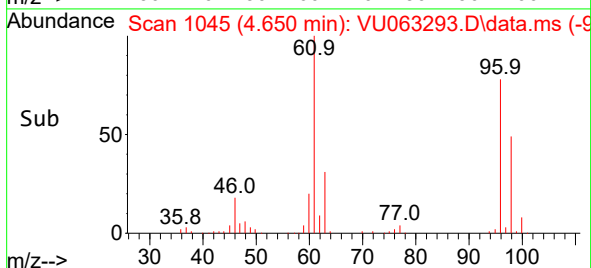
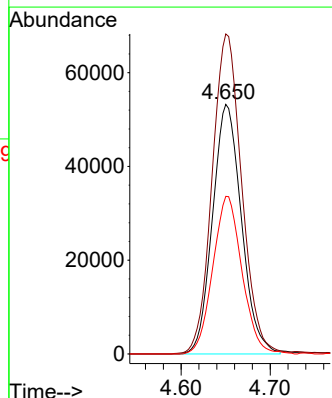
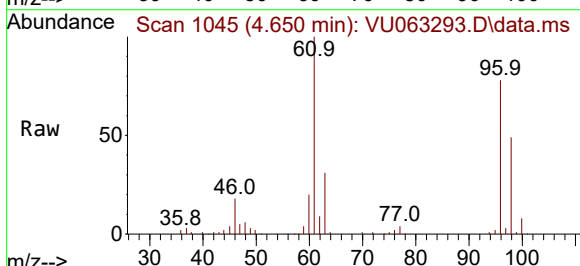
Tgt Ion: 96 Resp: 119985

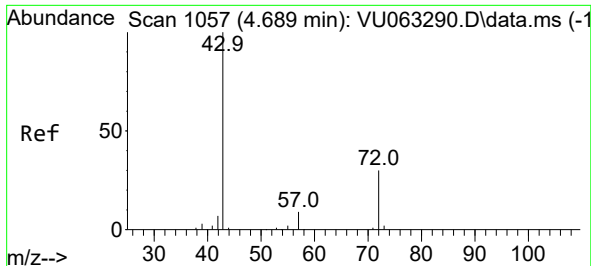
Ion Ratio Lower Upper

96 100

61 128.2 91.6 170.0

98 63.1 44.0 81.8





#22

2-Butanone

Concen: 105.97 ug/L

RT: 4.689 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

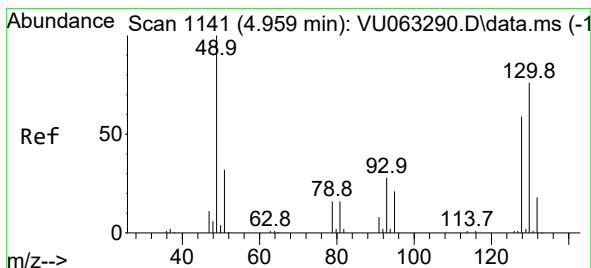
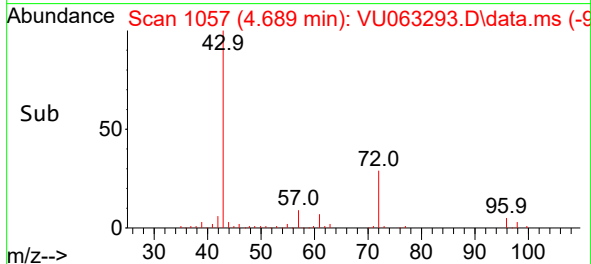
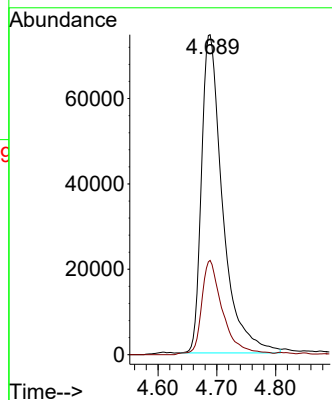
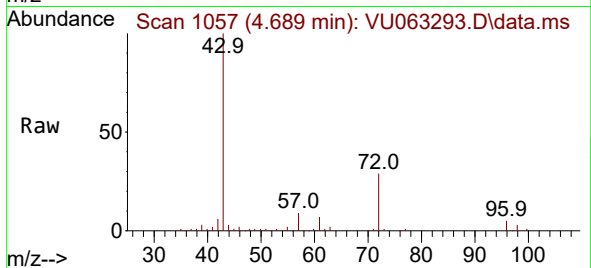
VICV032

Tgt Ion: 43 Resp: 186313

Ion Ratio Lower Upper

43 100

72 29.5 15.4 46.4



#23

Bromochloromethane

Concen: 50.85 ug/L

RT: 4.959 min Scan# 1141

Delta R.T. -0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Tgt Ion:128 Resp: 60644

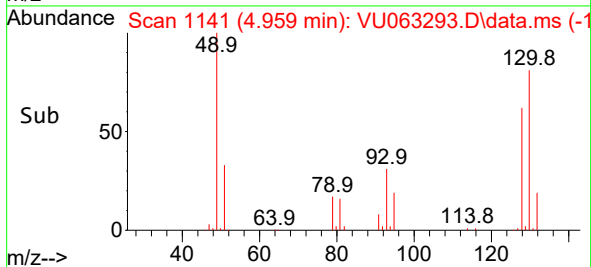
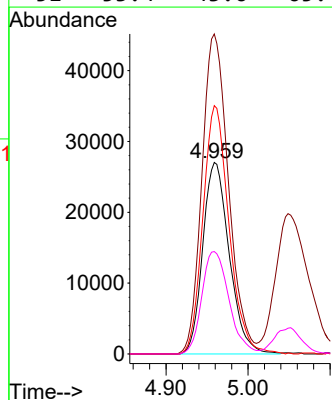
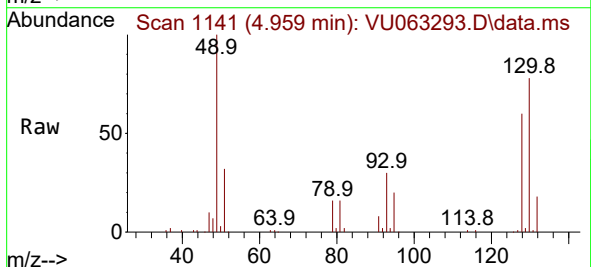
Ion Ratio Lower Upper

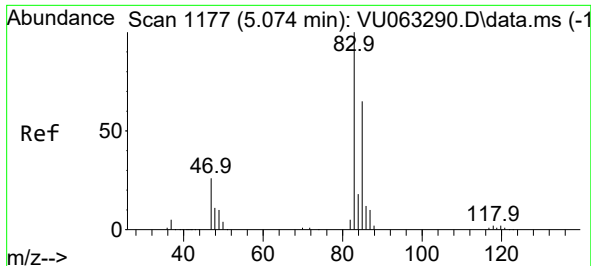
128 100

49 167.1 118.2 219.6

130 129.7 89.2 165.8

51 53.4 43.6 65.4

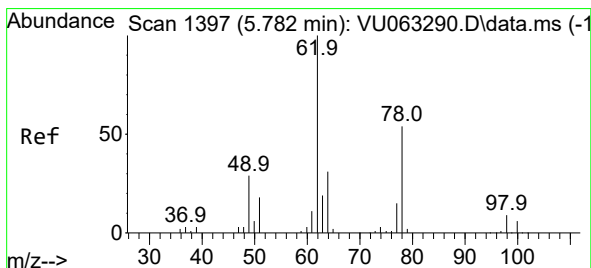
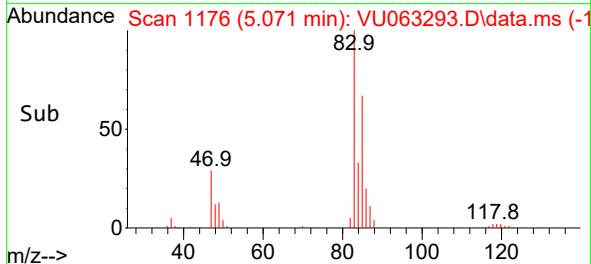
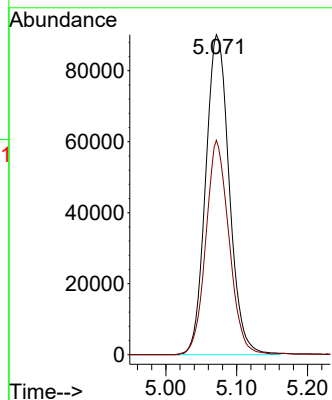
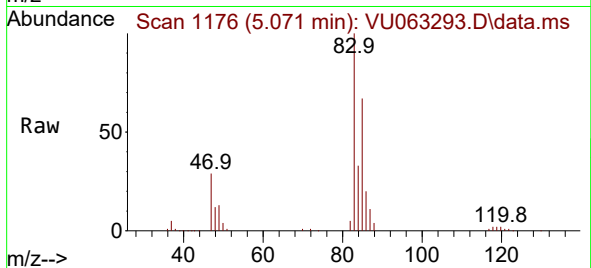




#25
Chloroform
Concen: 49.88 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

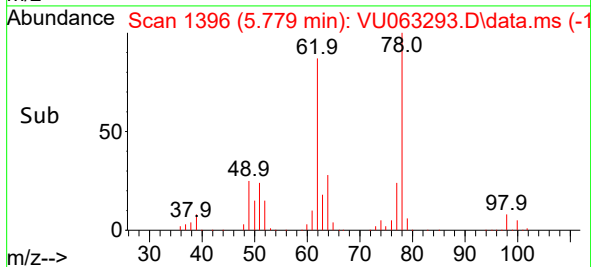
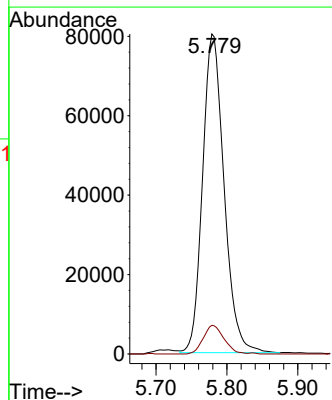
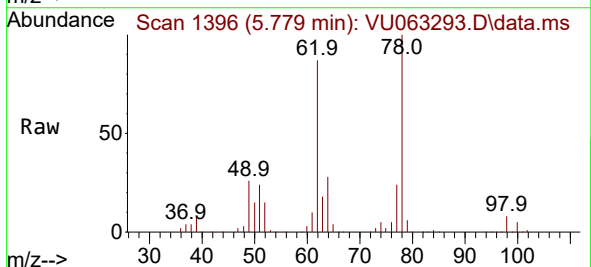
Instrument :
MSVOA_U
ClientSampleId :
VICV032

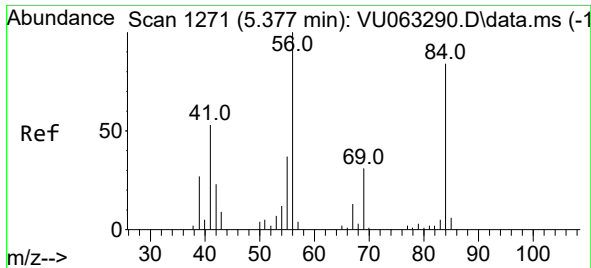
Tgt Ion: 83 Resp: 208488
Ion Ratio Lower Upper
83 100
85 67.0 45.9 85.3



#27
1,2-Dichloroethane
Concen: 51.51 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion: 62 Resp: 169068
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3

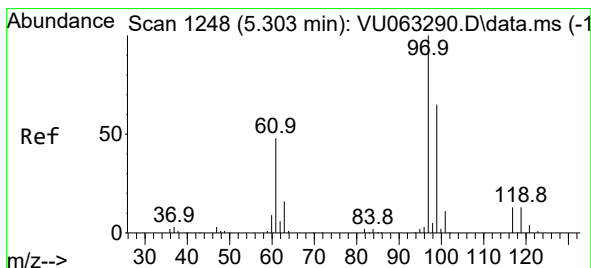
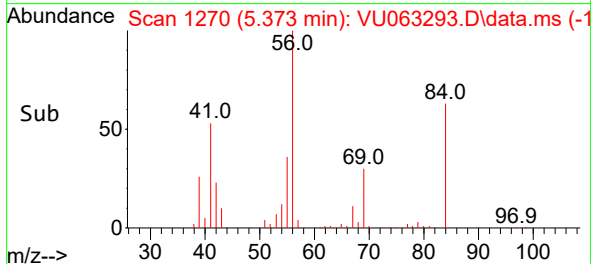
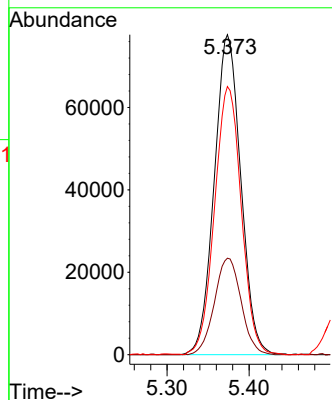
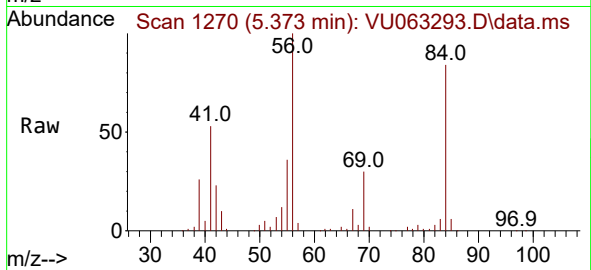




#29
Cyclohexane
Concen: 52.46 ug/L
RT: 5.373 min Scan# 1271
Delta R.T. -0.004 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

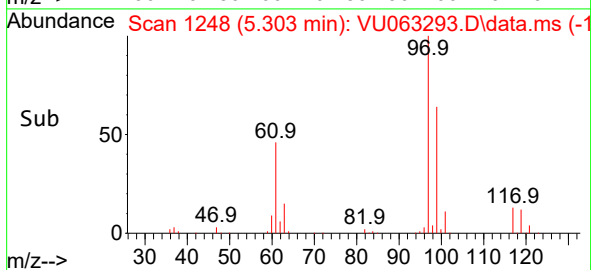
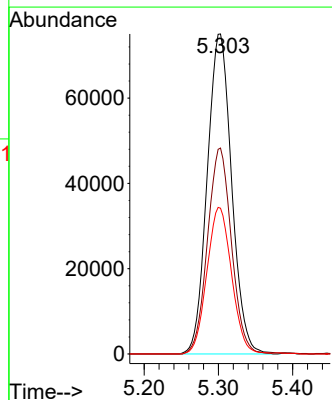
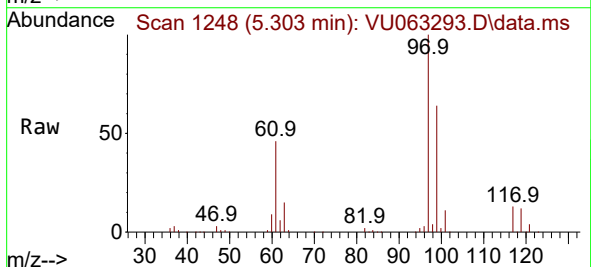
Instrument :
MSVOA_U
ClientSampleId :
VICV032

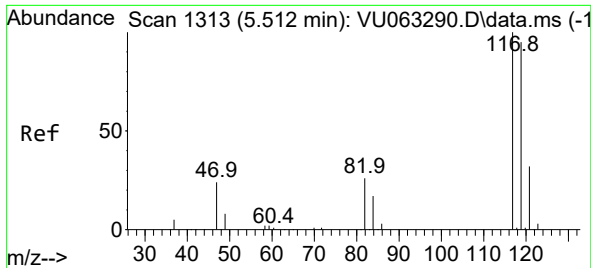
Tgt Ion: 56 Resp: 174572
Ion Ratio Lower Upper
56 100
69 30.3 24.2 36.4
84 84.4 67.2 100.8



#30
1,1,1-Trichloroethane
Concen: 51.39 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion: 97 Resp: 171737
Ion Ratio Lower Upper
97 100
99 62.9 52.1 78.1
61 46.2 38.6 57.8

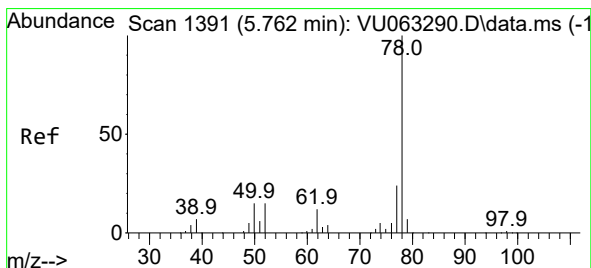
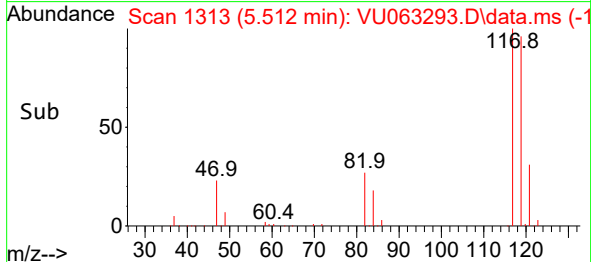
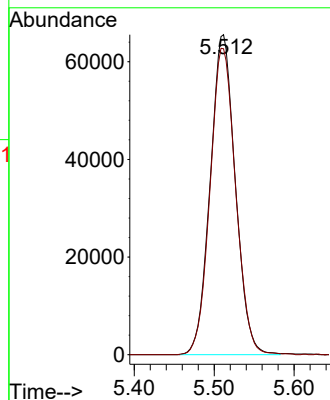
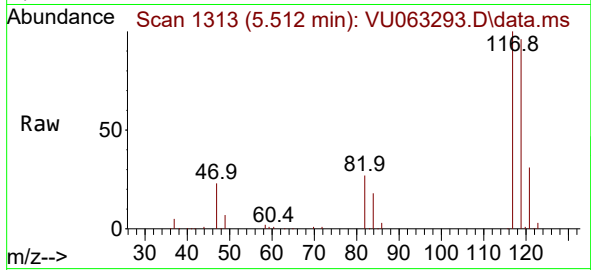




#31
Carbon tetrachloride
Concen: 51.36 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

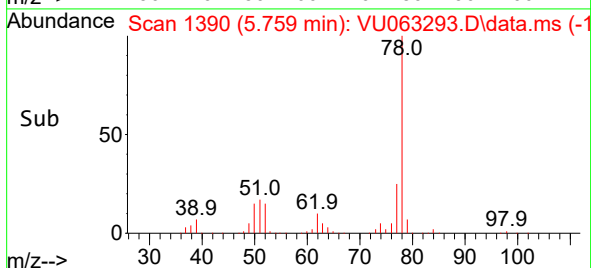
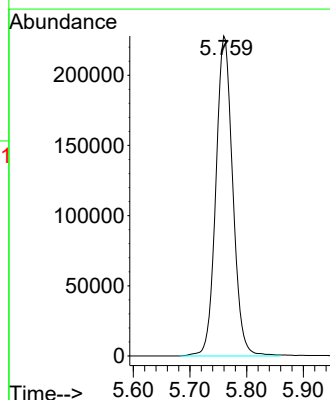
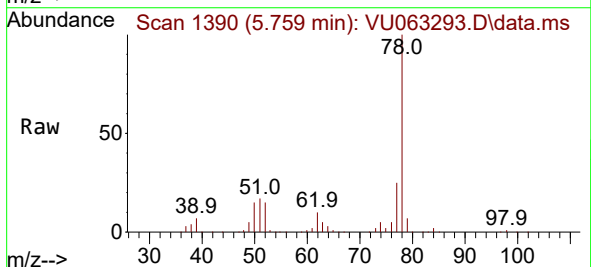
Instrument :
MSVOA_U
ClientSampleId :
VICV032

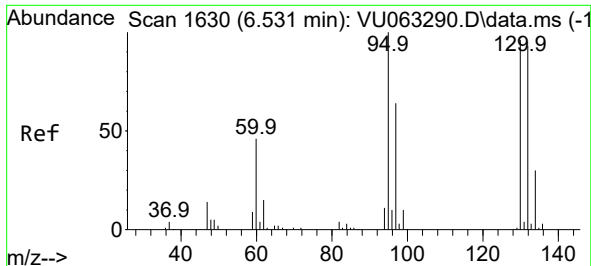
Tgt Ion:117 Resp: 142960
Ion Ratio Lower Upper
117 100
119 97.4 76.3 114.5



#33
Benzene
Concen: 52.23 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion: 78 Resp: 471649

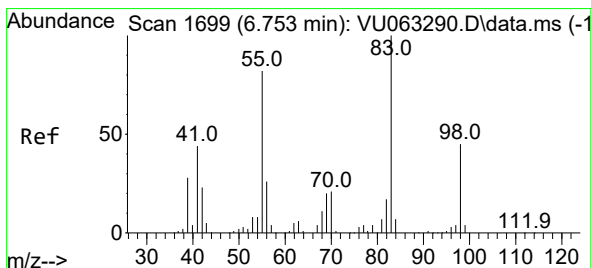
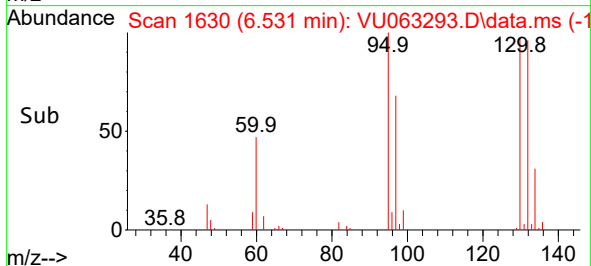
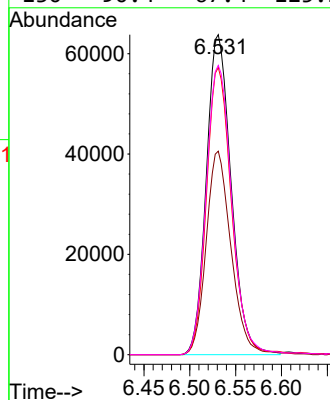
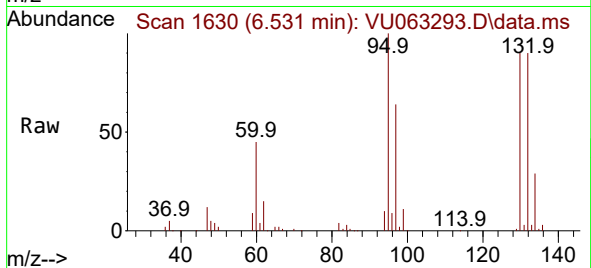




#34
Trichloroethene
Concen: 52.29 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

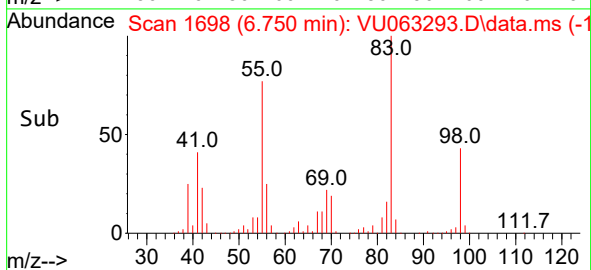
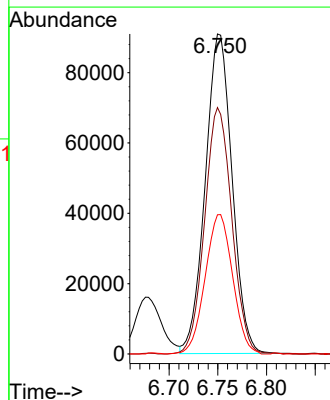
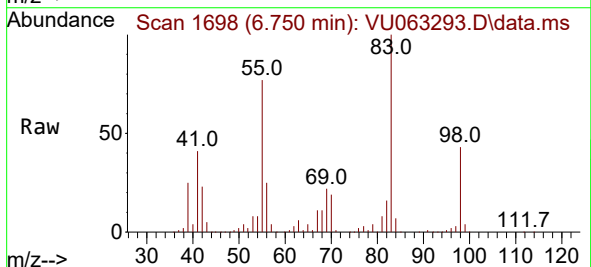
Instrument :
MSVOA_U
ClientSampleId :
VICV032

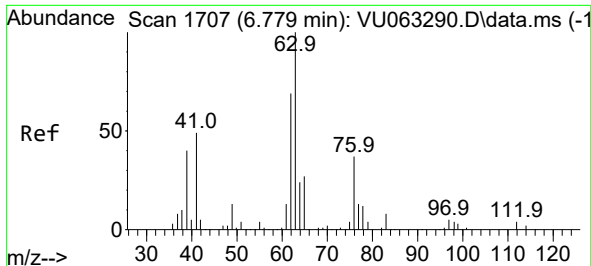
Tgt Ion: 95 Resp: 120339
Ion Ratio Lower Upper
95 100
97 63.6 44.6 82.8
132 89.8 65.3 121.3
130 90.4 67.4 125.2



#35
Methylcyclohexane
Concen: 53.01 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion: 83 Resp: 174163
Ion Ratio Lower Upper
83 100
55 77.9 63.4 95.2
98 44.6 35.2 52.8





#37

1,2-Dichloropropane

Concen: 50.94 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

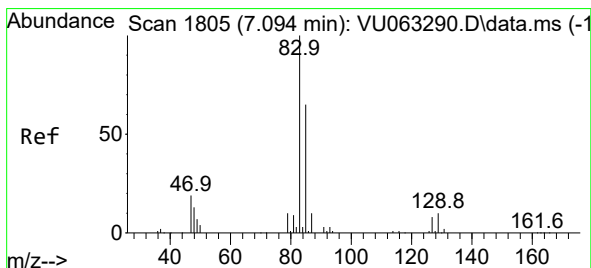
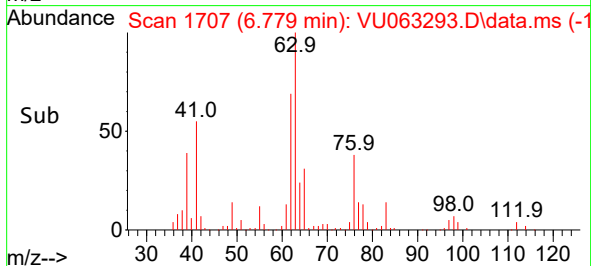
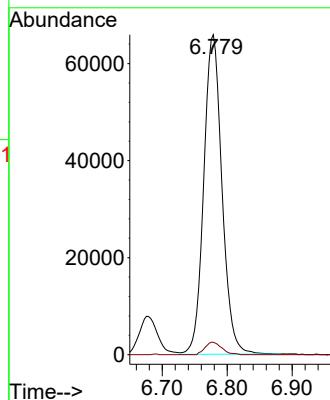
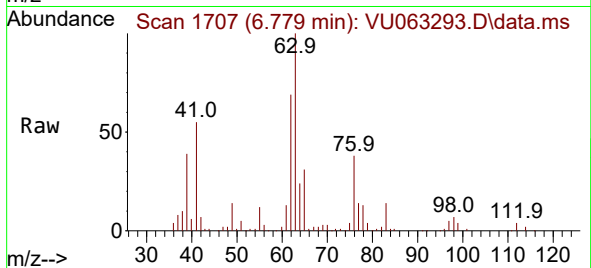
VICV032

Tgt Ion: 63 Resp: 128944

Ion Ratio Lower Upper

63 100

112 3.6 2.9 4.3



#38

Bromodichloromethane

Concen: 49.38 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

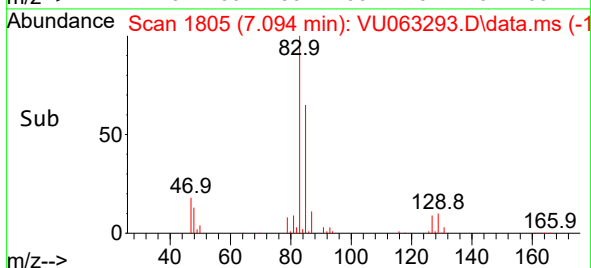
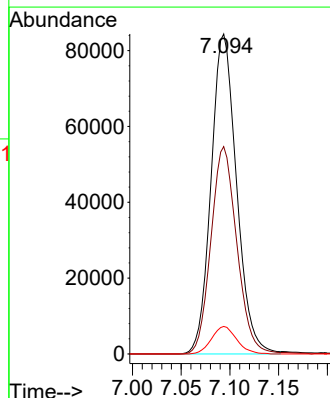
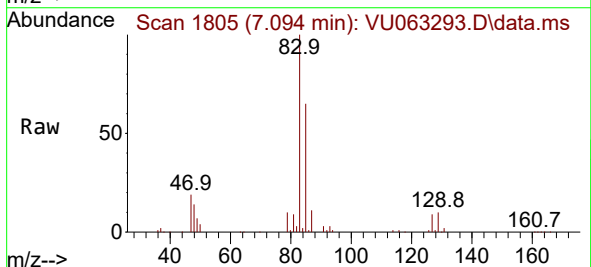
Tgt Ion: 83 Resp: 153681

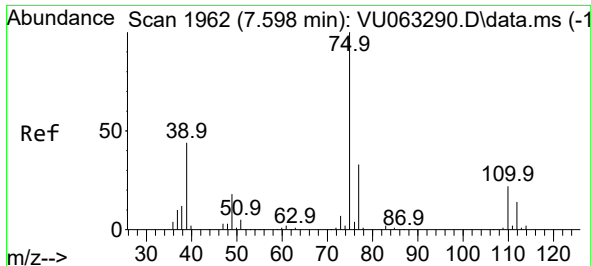
Ion Ratio Lower Upper

83 100

85 64.8 45.3 84.1

127 8.6 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 51.95 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

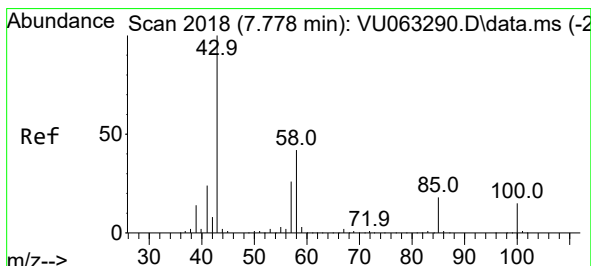
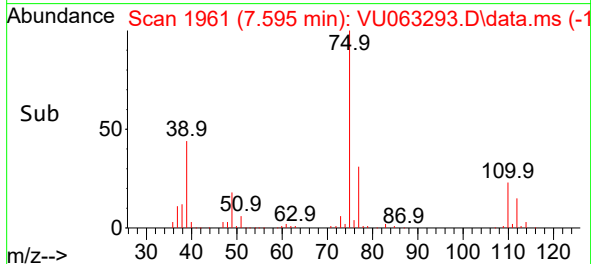
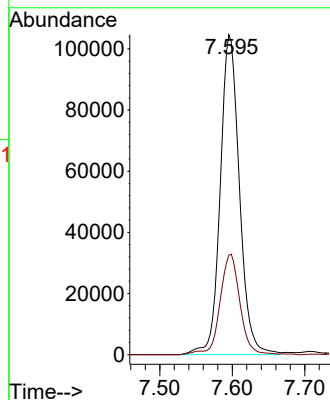
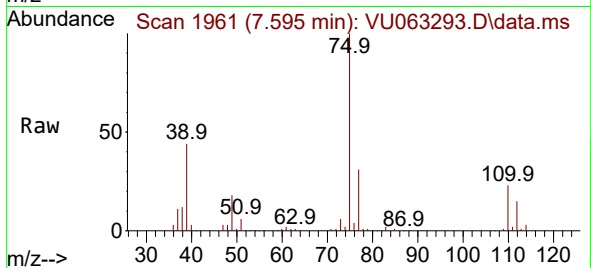
VICV032

Tgt Ion: 75 Resp: 192636

Ion Ratio Lower Upper

75 100

77 31.1 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 106.53 ug/L

RT: 7.779 min Scan# 2018

Delta R.T. 0.001 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

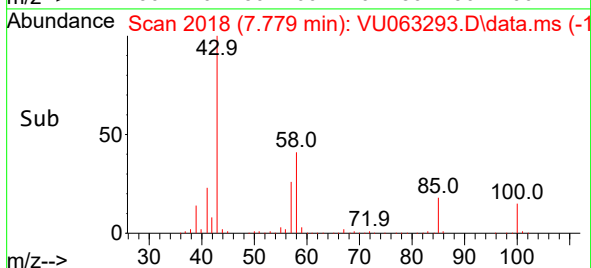
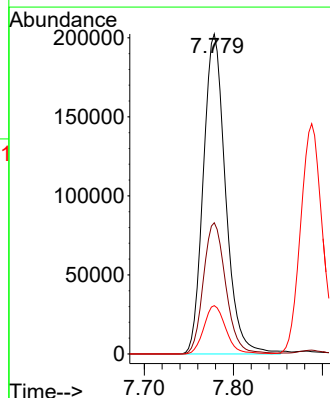
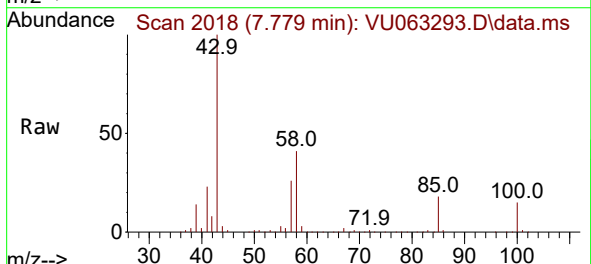
Tgt Ion: 43 Resp: 350664

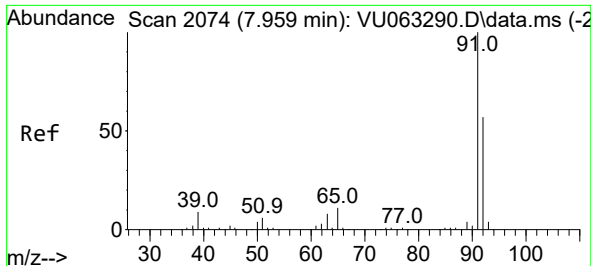
Ion Ratio Lower Upper

43 100

58 41.5 33.0 49.6

100 14.9 11.9 17.9

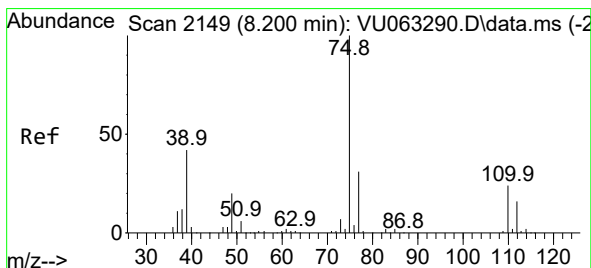
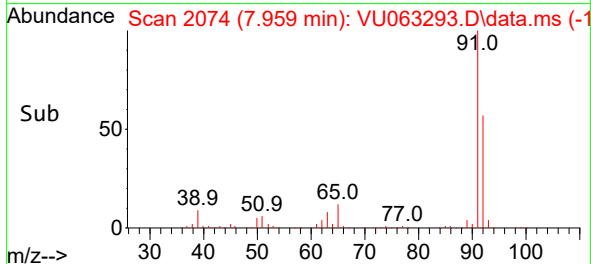
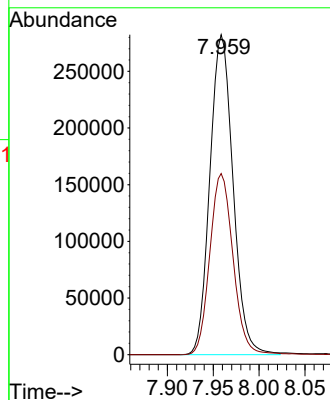
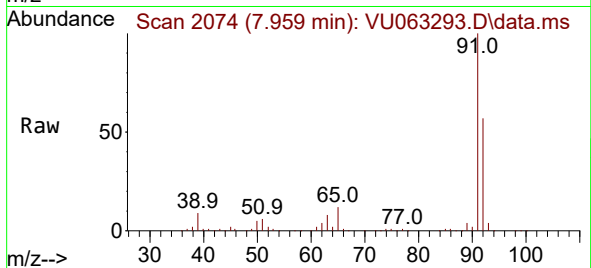




#42
Toluene
Concen: 53.11 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

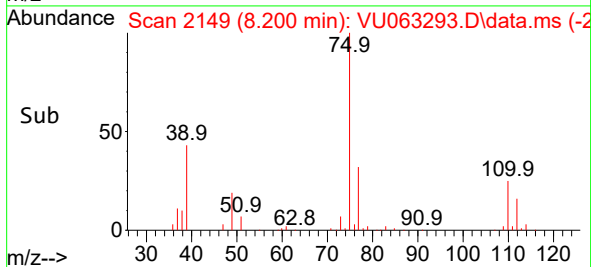
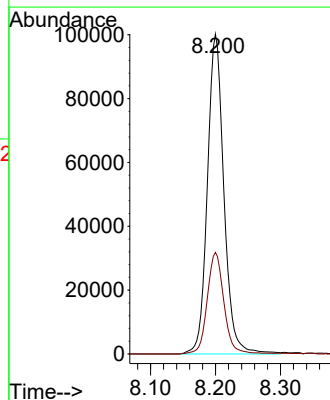
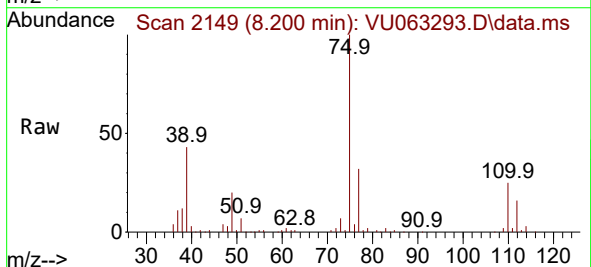
Instrument :
MSVOA_U
ClientSampleId :
VICV032

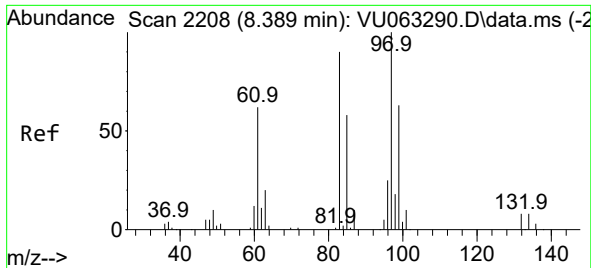
Tgt Ion: 91 Resp: 496123
Ion Ratio Lower Upper
91 100
92 56.6 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 51.75 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion: 75 Resp: 177285
Ion Ratio Lower Upper
75 100
77 31.8 21.7 40.3

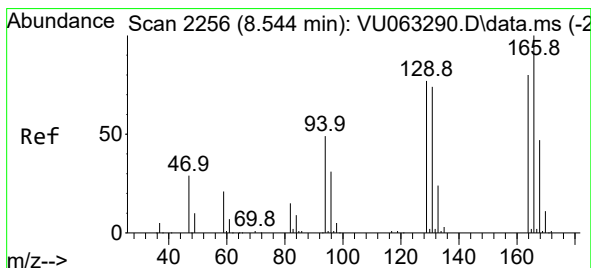
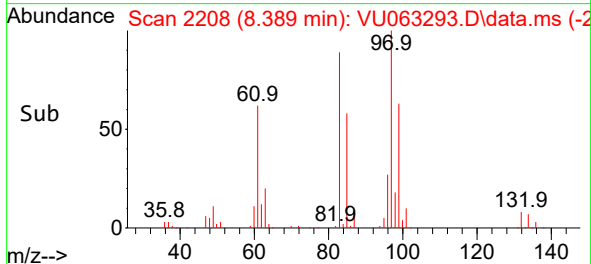
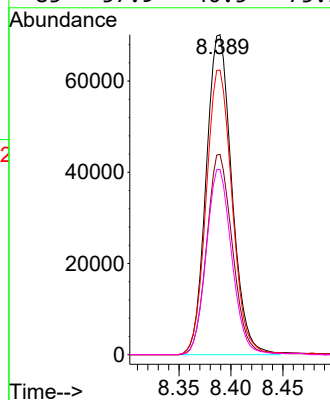
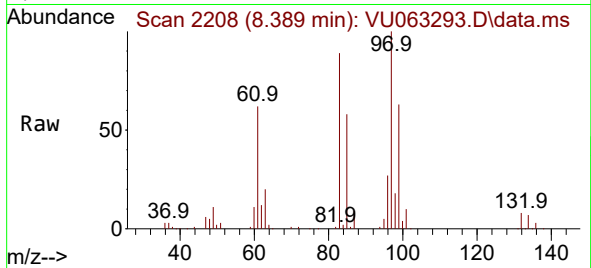




#45
1,1,2-Trichloroethane
Concen: 50.28 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

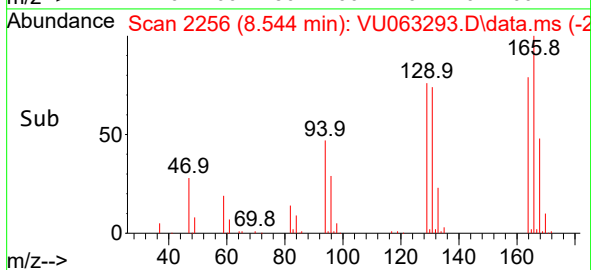
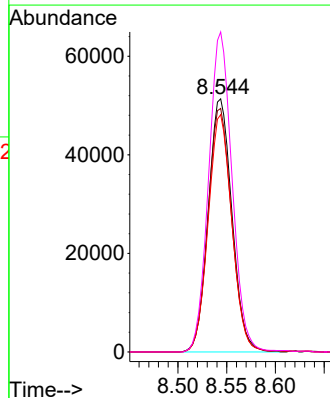
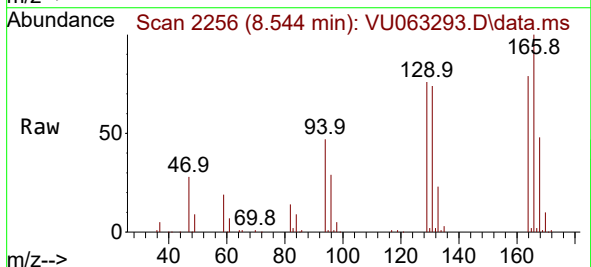
Instrument :
MSVOA_U
ClientSampleId :
VICV032

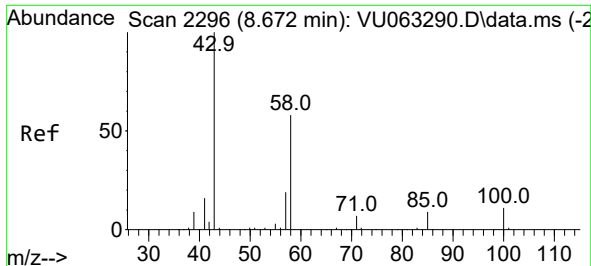
Tgt Ion:	97	Resp:	120834
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.4	82.4
83	88.9	63.3	117.5
85	57.9	40.5	75.1



#46
Tetrachloroethene
Concen: 53.70 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion:	164	Resp:	87223
Ion	Ratio	Lower	Upper
164	100		
129	96.2	67.8	125.8
131	93.7	64.3	119.5
166	126.4	87.6	162.6

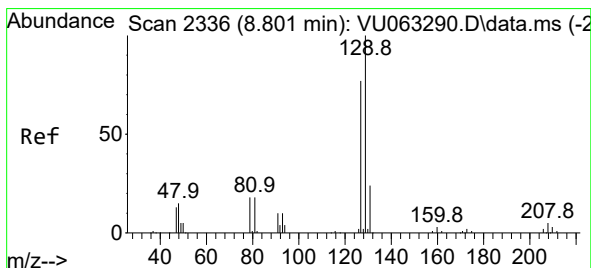
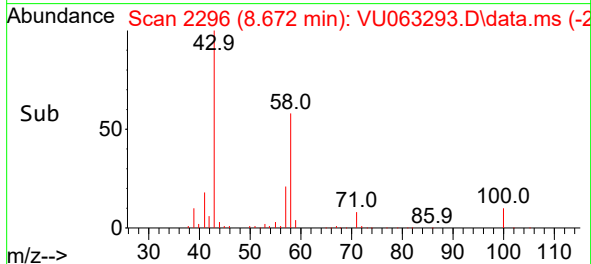
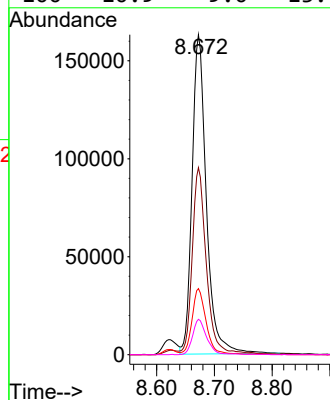
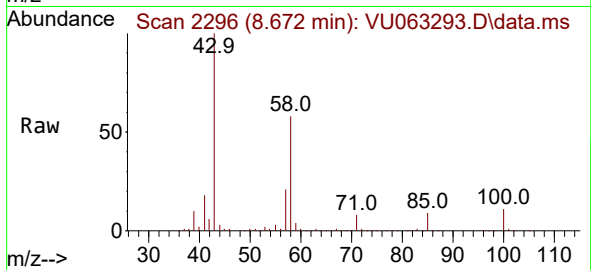




#48
2-Hexanone
Concen: 111.79 ug/L
RT: 8.672 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

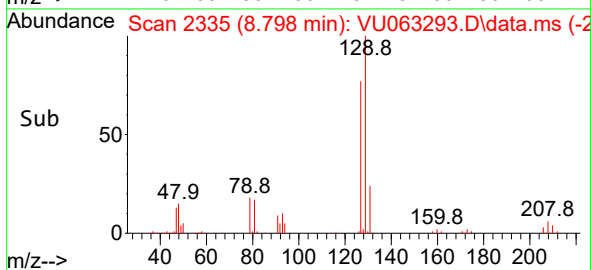
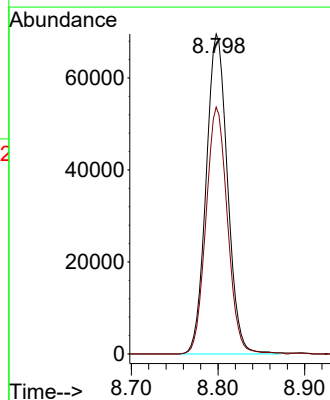
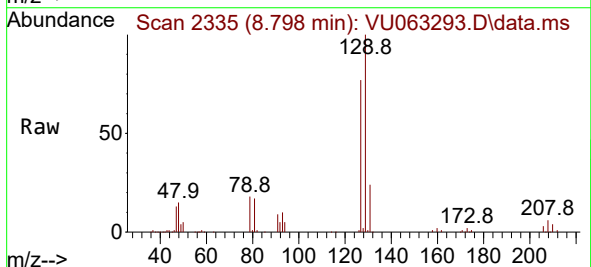
Instrument :
MSVOA_U
ClientSampleId :
VICV032

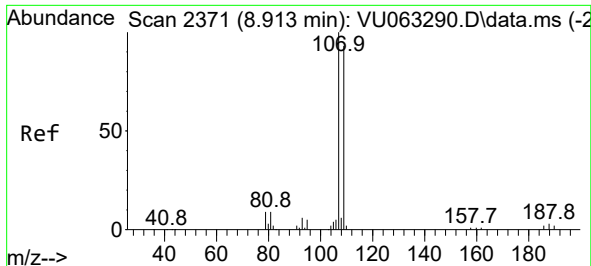
Tgt Ion: 43 Resp: 280549
Ion Ratio Lower Upper
43 100
58 54.6 46.6 69.8
57 19.5 15.8 23.6
100 10.9 9.0 13.4



#49
Dibromochloromethane
Concen: 51.11 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion: 129 Resp: 119165
Ion Ratio Lower Upper
129 100
127 77.2 54.0 100.4

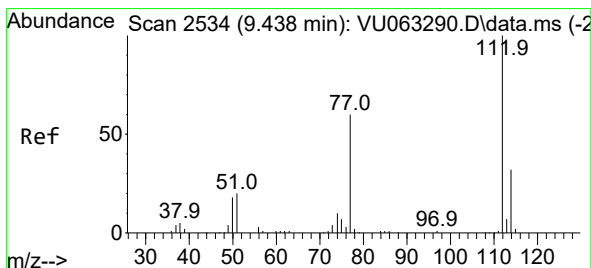
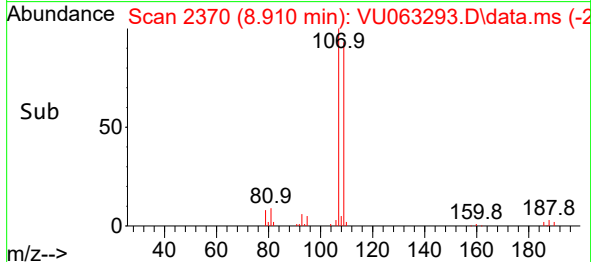
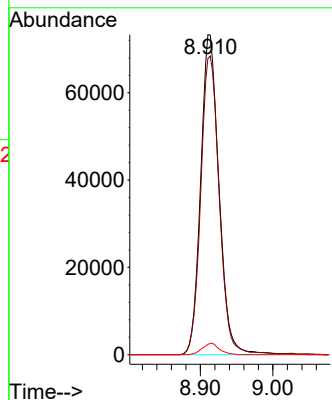
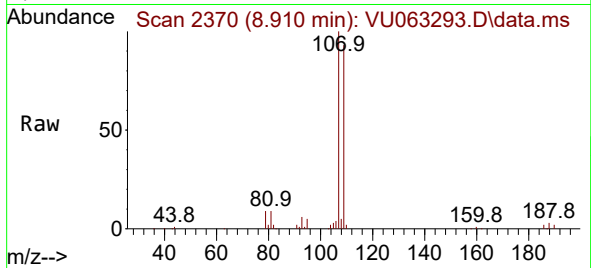




#50
1,2-Dibromoethane
Concen: 51.26 ug/L
RT: 8.910 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

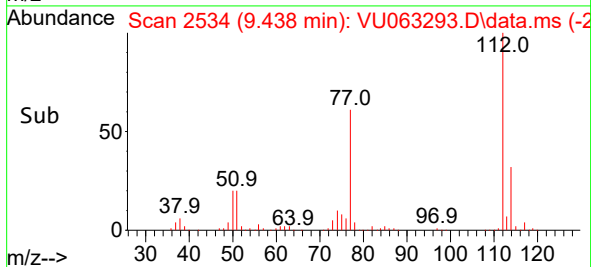
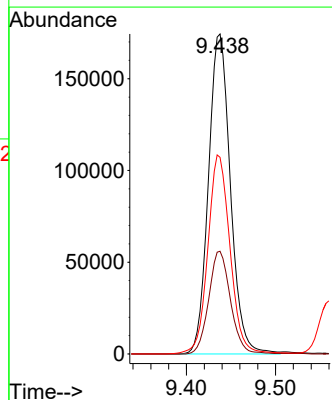
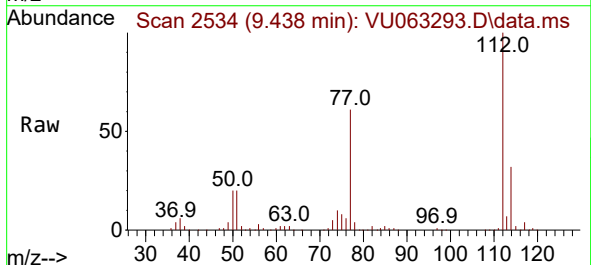
Instrument :
MSVOA_U
ClientSampleId :
VICV032

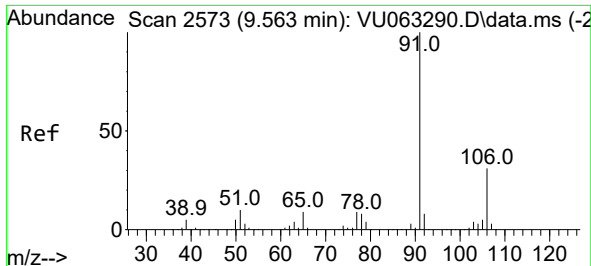
Tgt Ion:107 Resp: 128625
Ion Ratio Lower Upper
107 100
109 92.6 65.2 121.0
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 50.81 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion:112 Resp: 298866
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 61.4 48.7 73.1





#52

Ethylbenzene

Concen: 53.60 ug/L

RT: 9.560 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

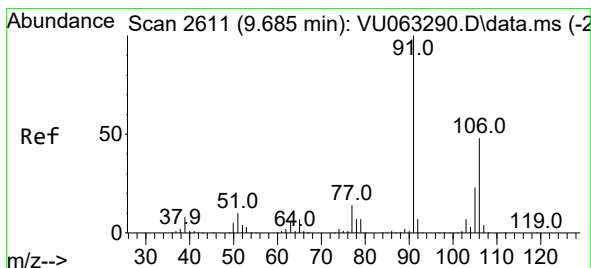
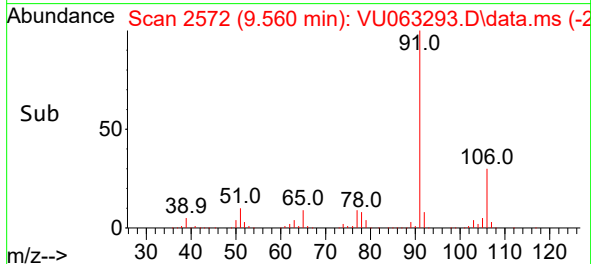
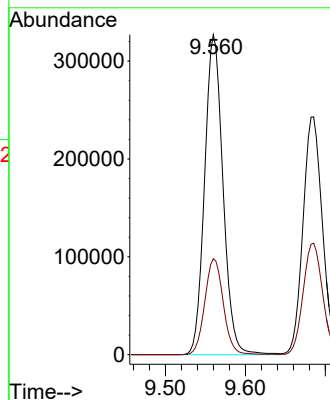
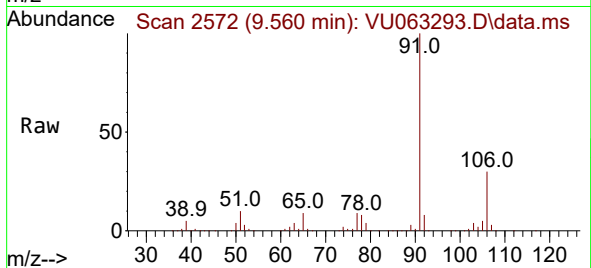
VICV032

Tgt Ion: 91 Resp: 524049

Ion Ratio Lower Upper

91 100

106 30.0 21.5 39.9



#53

m,p-Xylene

Concen: 53.57 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU063293.D

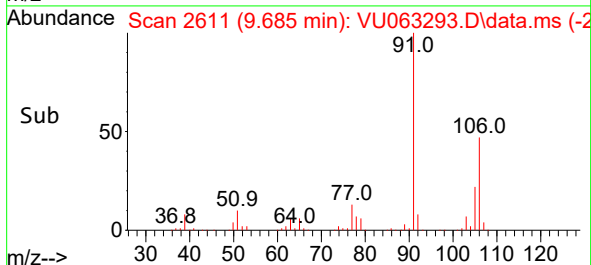
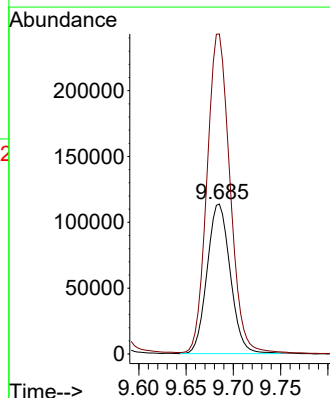
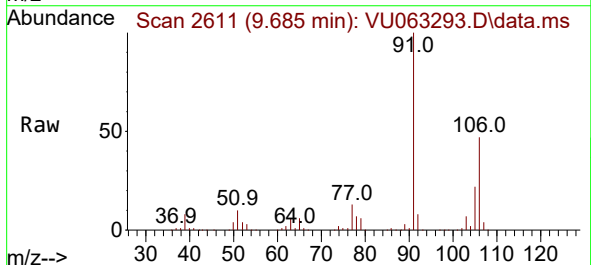
Acq: 17 Mar 2025 13:56

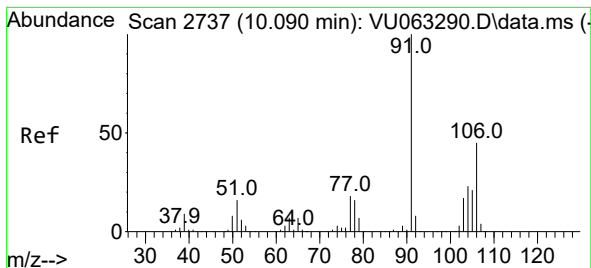
Tgt Ion:106 Resp: 193461

Ion Ratio Lower Upper

106 100

91 213.4 147.3 273.6





#54

o-Xylene

Concen: 54.18 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

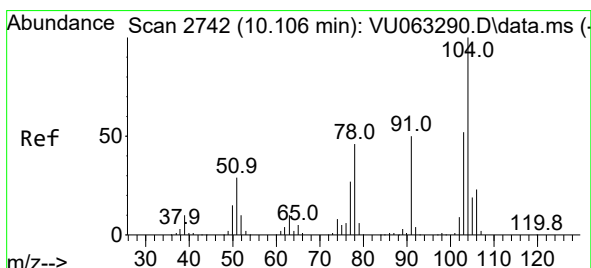
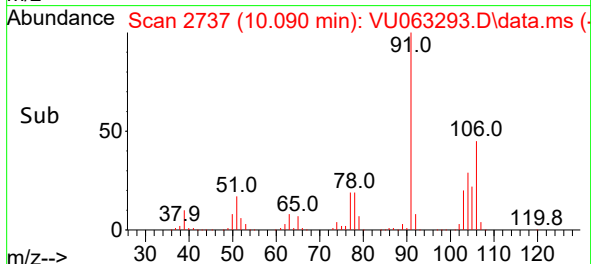
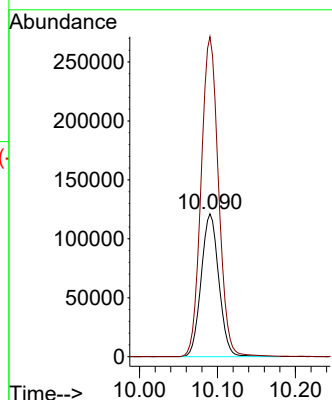
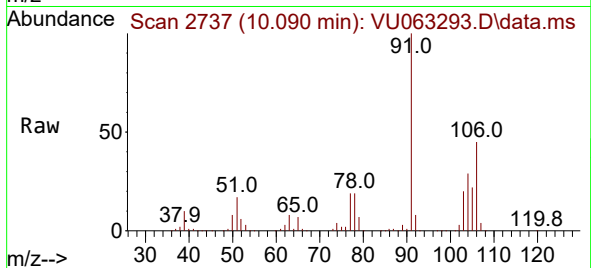
VICV032

Tgt Ion:106 Resp: 190726

Ion Ratio Lower Upper

106 100

91 224.1 156.7 291.1



#55

Styrene

Concen: 56.14 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063293.D

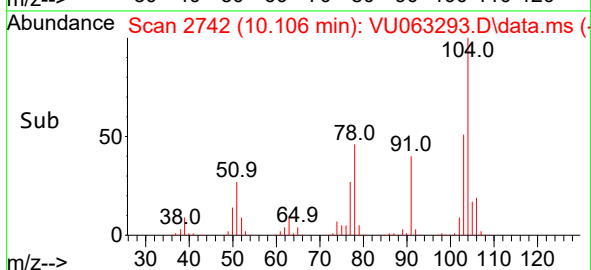
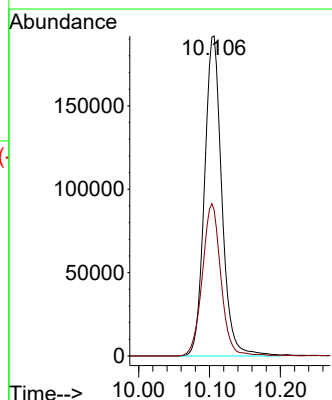
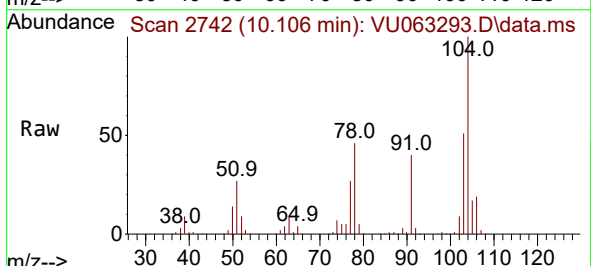
Acq: 17 Mar 2025 13:56

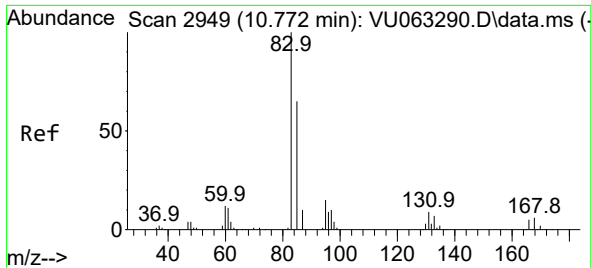
Tgt Ion:104 Resp: 326285

Ion Ratio Lower Upper

104 100

78 45.6 32.4 60.2

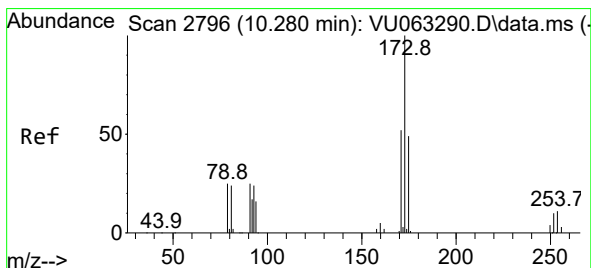
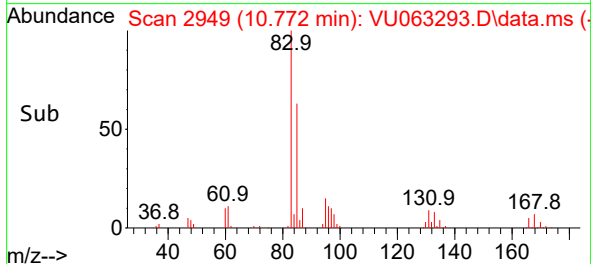
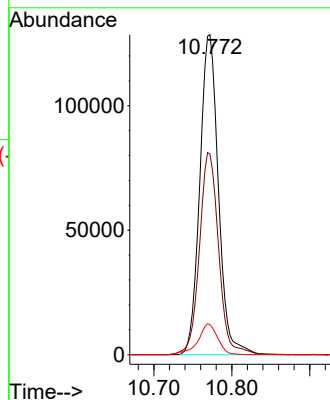
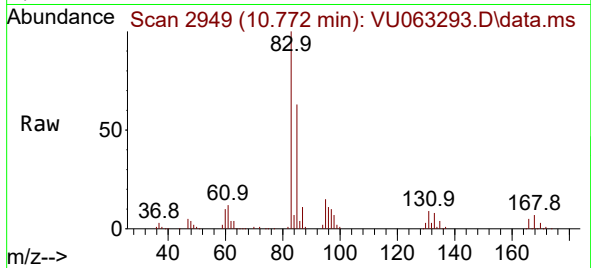




#57
1,1,2,2-Tetrachloroethane
Concen: 51.12 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

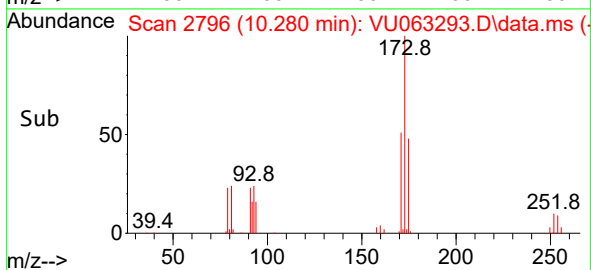
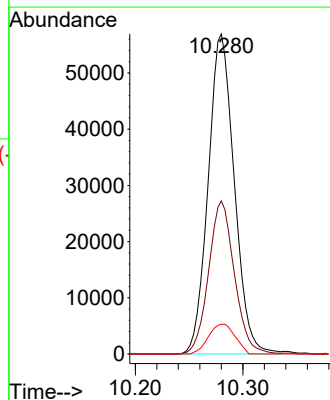
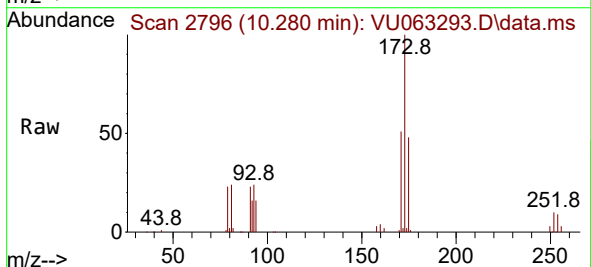
Instrument :
MSVOA_U
ClientSampleId :
VICV032

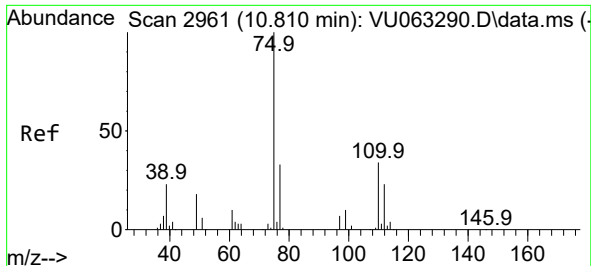
Tgt Ion: 83 Resp: 213583
Ion Ratio Lower Upper
83 100
85 62.8 45.6 84.8
131 9.4 7.1 10.7



#59
Bromoform
Concen: 51.13 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion:173 Resp: 96112
Ion Ratio Lower Upper
173 100
175 47.2 38.6 57.8
254 9.4 7.8 11.6

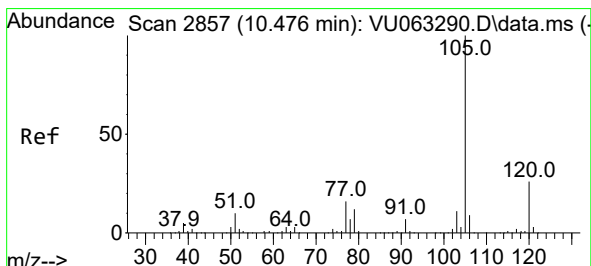
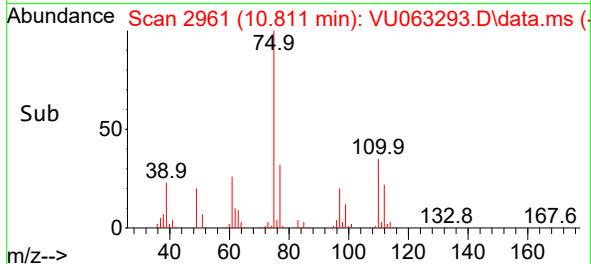
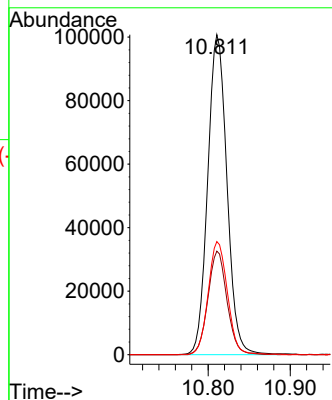
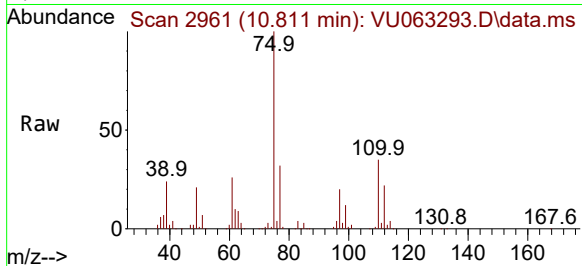




#60
1,2,3-Trichloropropane
Concen: 49.70 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. 0.001 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

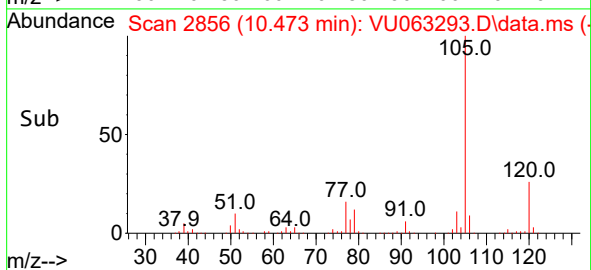
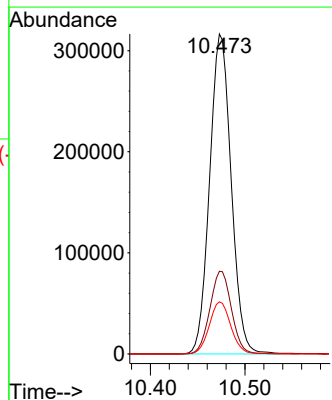
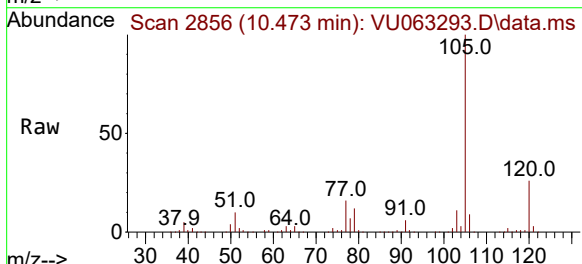
Instrument :
MSVOA_U
ClientSampleId :
VICV032

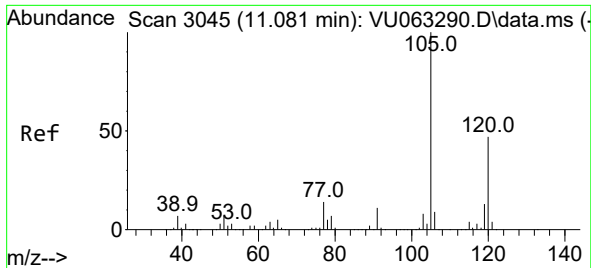
Tgt Ion: 75 Resp: 164377
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9
110 35.2 27.8 41.8



#61
Isopropylbenzene
Concen: 53.60 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion: 105 Resp: 500989
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 16.3 13.0 19.4

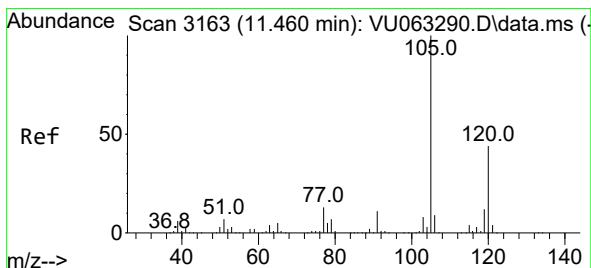
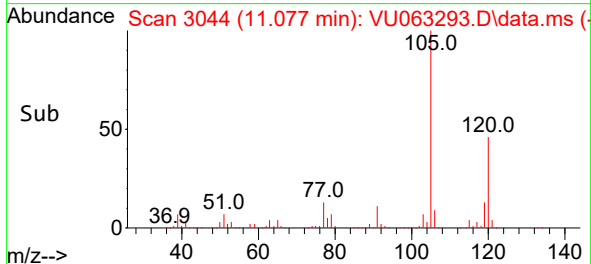
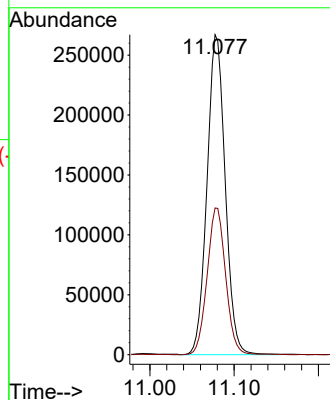
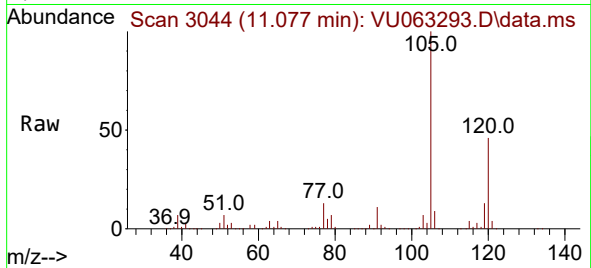




#62
1,3,5-Trimethylbenzene
Concen: 54.43 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.004 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

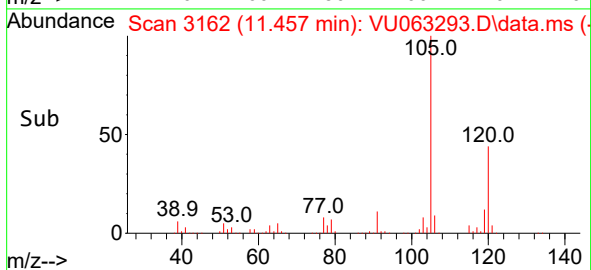
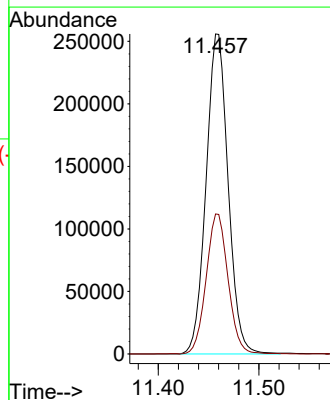
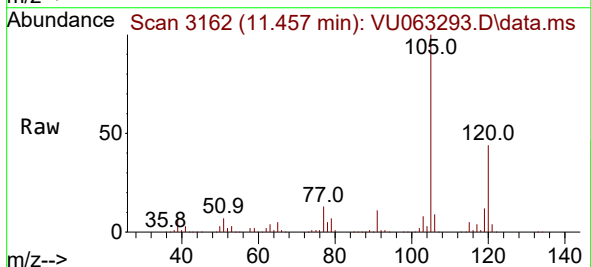
Instrument :
MSVOA_U
ClientSampleId :
VICV032

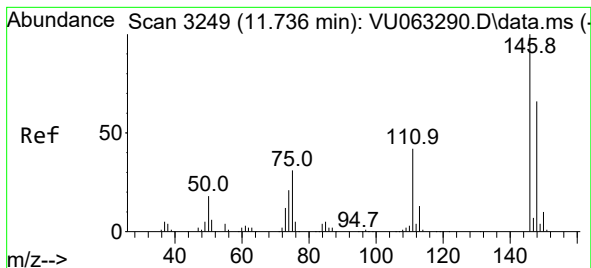
Tgt Ion:105 Resp: 401416
Ion Ratio Lower Upper
105 100
120 46.6 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 55.12 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU063293.D
Acq: 17 Mar 2025 13:56

Tgt Ion:105 Resp: 389865
Ion Ratio Lower Upper
105 100
120 43.4 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 51.58 ug/L

RT: 11.737 min Scan# 31

Delta R.T. 0.001 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

VICV032

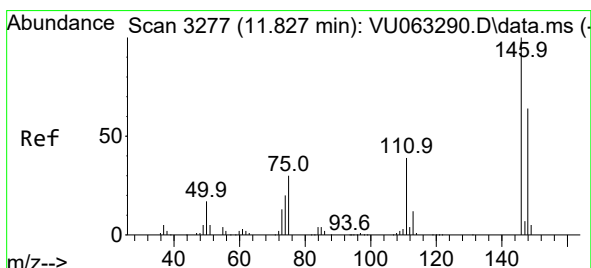
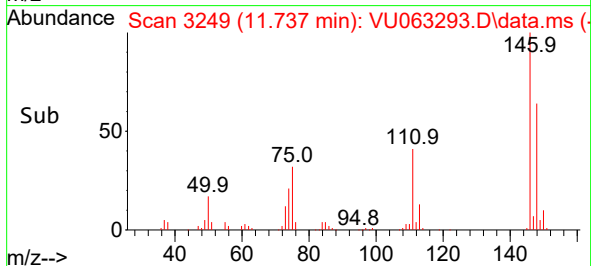
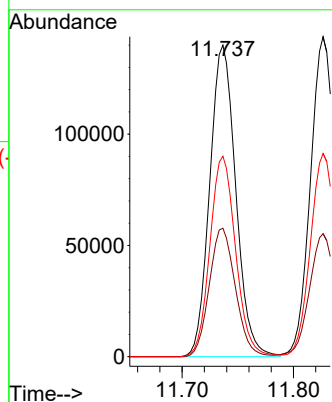
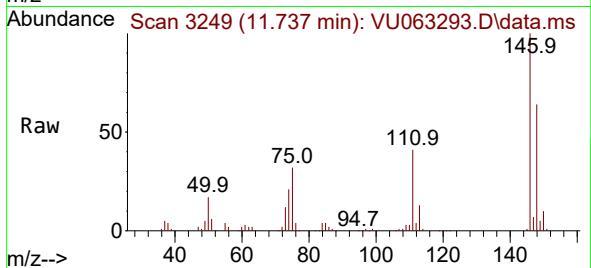
Tgt Ion:146 Resp: 227553

Ion Ratio Lower Upper

146 100

111 41.2 29.2 54.2

148 64.3 45.8 85.2



#65

1,4-Dichlorobenzene

Concen: 51.18 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

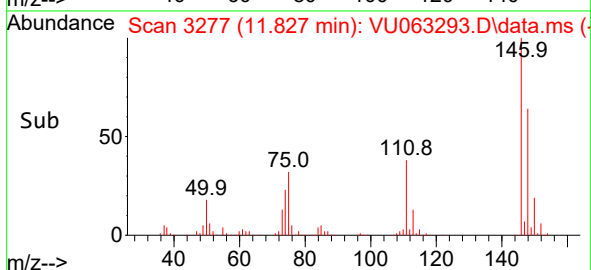
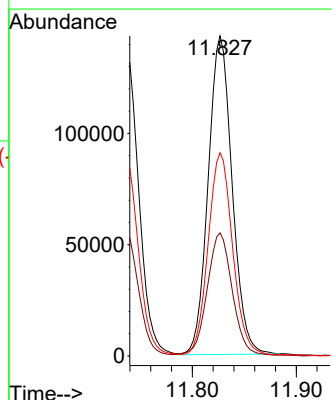
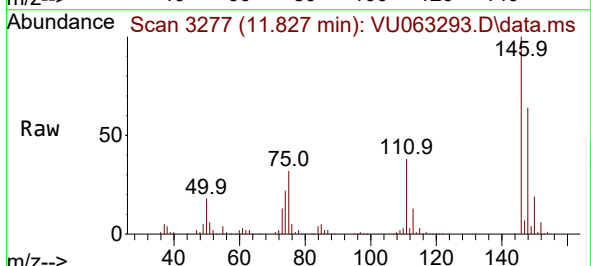
Tgt Ion:146 Resp: 229364

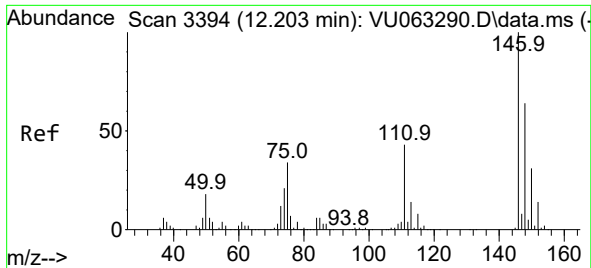
Ion Ratio Lower Upper

146 100

111 38.4 27.5 51.1

148 63.5 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 51.26 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

VICV032

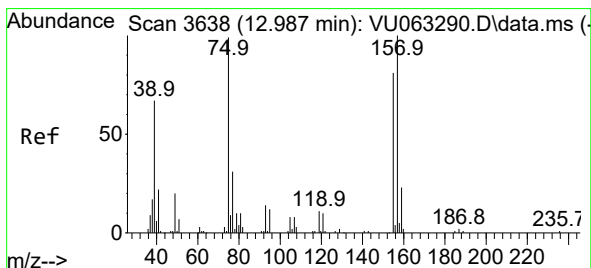
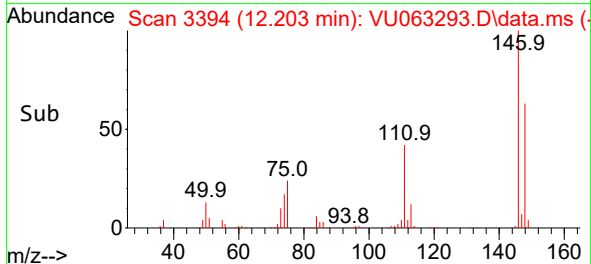
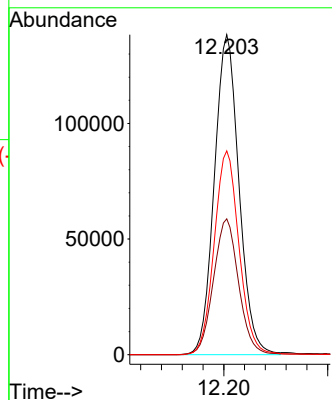
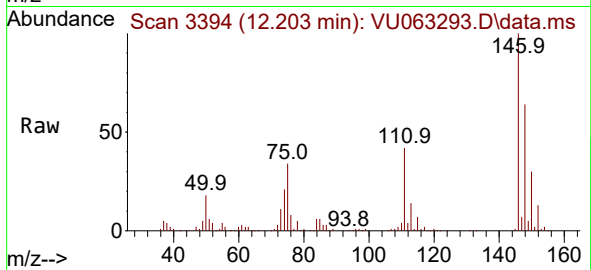
Tgt Ion:146 Resp: 228001

Ion Ratio Lower Upper

146 100

111 42.4 34.7 52.1

148 63.7 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 52.00 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

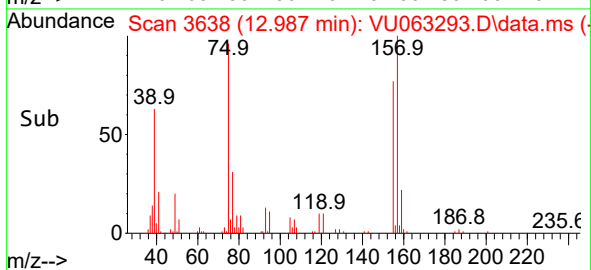
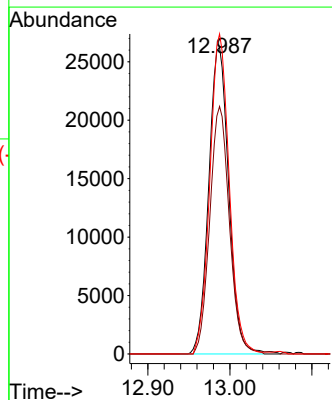
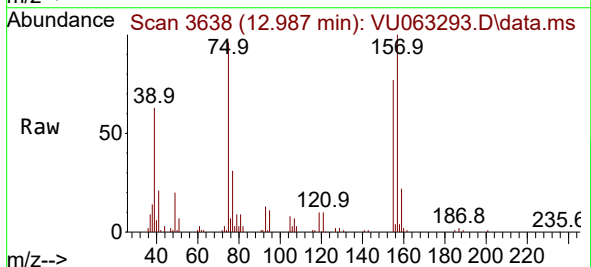
Tgt Ion: 75 Resp: 44865

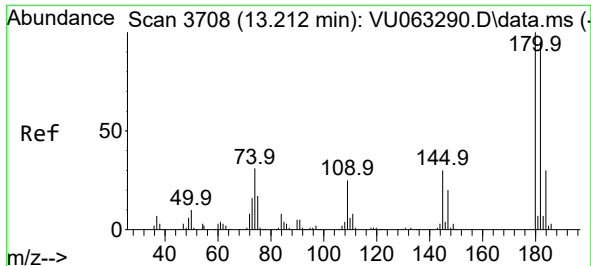
Ion Ratio Lower Upper

75 100

155 80.7 68.4 102.6

157 104.3 84.2 126.4





#69

1,3,5-Trichlorobenzene

Concen: 52.31 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

VICV032

Tgt Ion:180 Resp: 155288

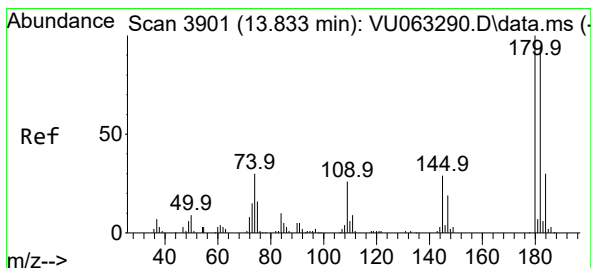
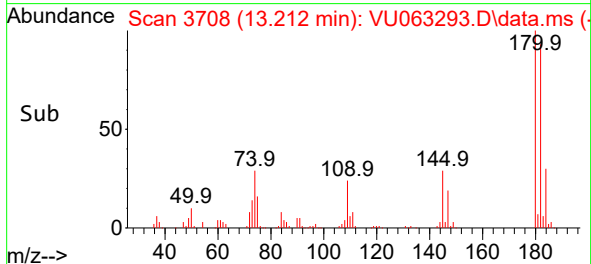
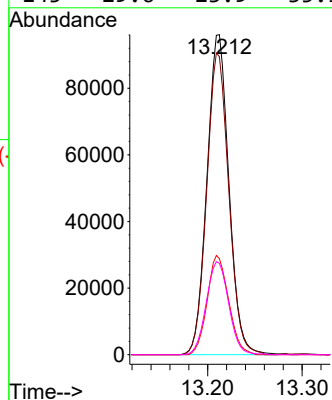
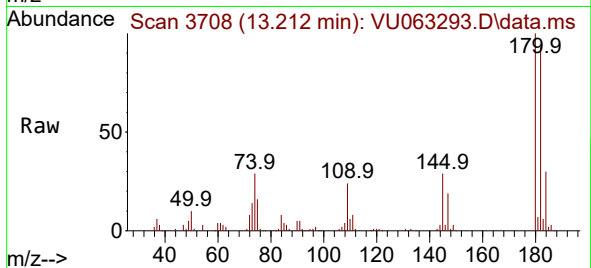
Ion Ratio Lower Upper

180 100

182 94.4 77.2 115.8

184 30.2 24.3 36.5

145 29.6 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 53.45 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

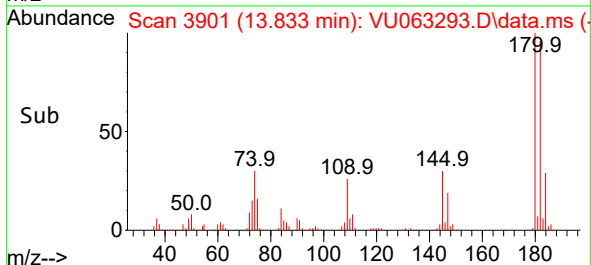
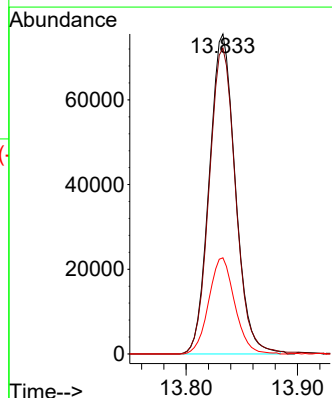
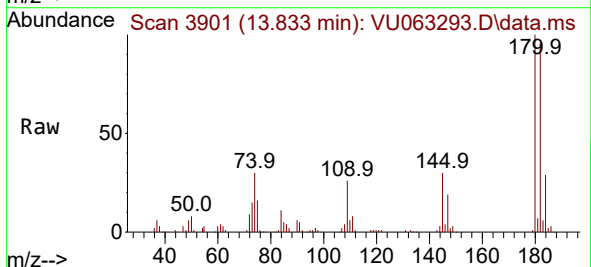
Tgt Ion:180 Resp: 122665

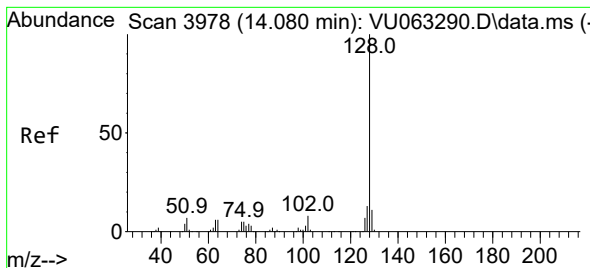
Ion Ratio Lower Upper

180 100

182 97.0 75.8 113.8

145 30.0 24.0 36.0





#71

Naphthalene

Concen: 60.80 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.001 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Instrument :

MSVOA_U

ClientSampleId :

VICV032

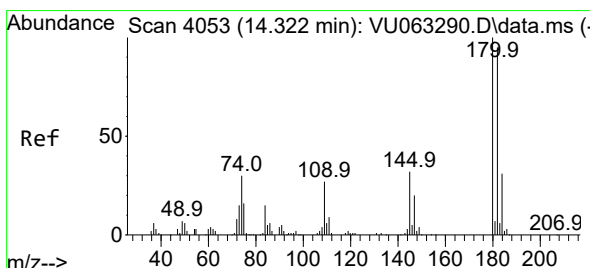
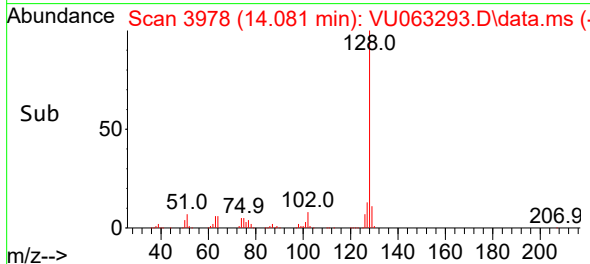
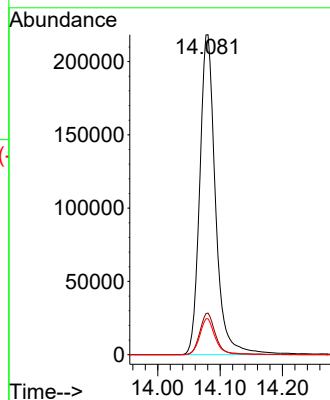
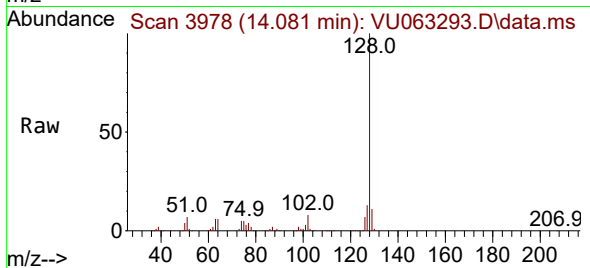
Tgt Ion:128 Resp: 383955

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 54.96 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063293.D

Acq: 17 Mar 2025 13:56

Tgt Ion:180 Resp: 123278

Ion Ratio Lower Upper

180 100

182 94.1 77.3 115.9

145 33.0 25.7 38.5

