

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022125\
 Data File : VU063274.D
 Acq On : 21 Feb 2025 14:27
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010009

Quant Time: Feb 24 11:17:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022125WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 24 11:14:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	203886	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	192021	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	96291	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	170947	13.28	ug/L	0.00
7) Chloroethane-d5	1.898	69	139477	12.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	65	70277	12.61	ug/L	0.00
20) 2-Butanone-d5	4.602	46	379813	99.86	ug/L	0.00
24) Chloroform-d	5.046	84	315920	11.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	156918	11.42	ug/L	0.00
32) Benzene-d6	5.711	84	626643	11.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	197263	11.55	ug/L	0.00
41) Toluene-d8	7.885	98	578911	12.47	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	77743	12.25	ug/L	0.00
46) 2-Hexanone-d5	8.618	63	313073	103.46	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	161854	11.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.180	152	191284	11.40	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	186382	10.49	ug/L	99
3) Chloromethane	1.515	50	199733	10.11	ug/L	100
5) Vinyl chloride	1.599	62	205445	10.33	ug/L	98
6) Bromomethane	1.840	94	122166	11.83	ug/L	98
8) Chloroethane	1.920	64	120964	10.11	ug/L	100
9) Trichlorofluoromethane	2.129	101	240858	10.84	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	152057	11.15	ug/L	99
12) 1,1-Dichloroethene	2.570	96	144419	10.68	ug/L	95
13) Acetone	2.612	43	218013	90.26	ug/L	97
14) Carbon disulfide	2.782	76	475448	10.16	ug/L	99
15) Methyl Acetate	2.936	43	62167	9.56	ug/L	100
16) Methylene chloride	3.030	84	166925	10.29	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	372937	10.16	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	154981	10.79	ug/L	99
19) 1,1-Dichloroethane	3.849	63	300050	10.32	ug/L	99
21) 2-Butanone	4.682	43	395429	99.97	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	176957	10.95	ug/L	98
23) Bromochloromethane	4.959	128	74998	10.37	ug/L	93
25) Chloroform	5.071	83	309187	10.80	ug/L	99
27) 1,2-Dichloroethane	5.779	62	195652	10.46	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	251351	10.98	ug/L	99
30) Cyclohexane	5.374	56	269829	11.41	ug/L	99
31) Carbon tetrachloride	5.512	117	215641	11.21	ug/L	100
33) Benzene	5.759	78	697561	10.93	ug/L	100
34) Trichloroethene	6.528	95	176139	10.92	ug/L	99
35) Methylcyclohexane	6.750	83	277983	11.73	ug/L	99
37) 1,2-Dichloropropane	6.775	63	184246	10.90	ug/L	99
38) Bromodichloromethane	7.090	83	220126	10.78	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	267918	11.07	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	1005362	102.39	ug/L	99
42) Toluene	7.955	91	750054	11.29	ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	215749	10.69	ug/L	99

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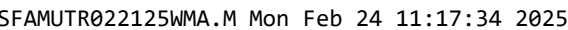
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010009

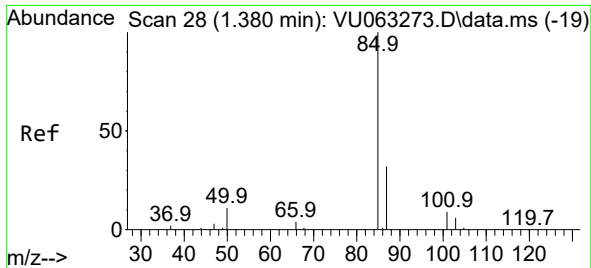
Quant Time: Feb 24 11:17:25 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	128480	10.31	ug/L	97
47) Tetrachloroethene	8.541	164	129154	11.46	ug/L	98
48) 2-Hexanone	8.669	43	725871	105.26	ug/L	99
49) Dibromochloromethane	8.798	129	141202	10.77	ug/L	97
50) 1,2-Dibromoethane	8.910	107	121166	10.59	ug/L	99
51) Chlorobenzene	9.434	112	445483	11.09	ug/L	99
52) Ethylbenzene	9.560	91	801515	11.63	ug/L	98
53) m,p-Xylene	9.682	106	304964	12.17	ug/L	98
54) o-Xylene	10.087	106	293449	11.89	ug/L	99
55) Styrene	10.103	104	493454	12.13	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	164331	10.30	ug/L	98
59) Bromoform	10.277	173	84298	10.13	ug/L	97
60) Isopropylbenzene	10.473	105	783051	11.42	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	110727	9.51	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	645572	11.96	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	624670	12.17	ug/L	99
64) 1,3-Dichlorobenzene	11.733	146	343996	11.00	ug/L	98
65) 1,4-Dichlorobenzene	11.823	146	342387	10.92	ug/L	99
67) 1,2-Dichlorobenzene	12.200	146	322767	11.03	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	23018	9.96	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	242584	11.45	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	180968	11.04	ug/L	99
71) Naphthalene	14.077	128	260072	9.89	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	157505	10.82	ug/L	100

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

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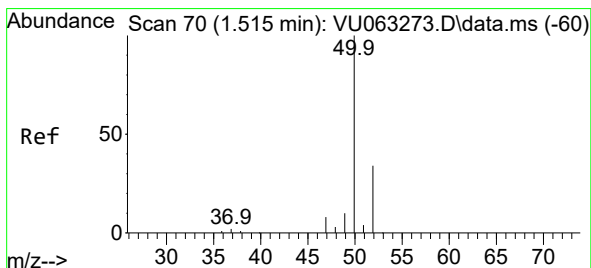
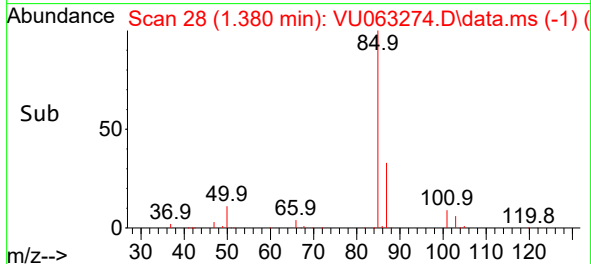
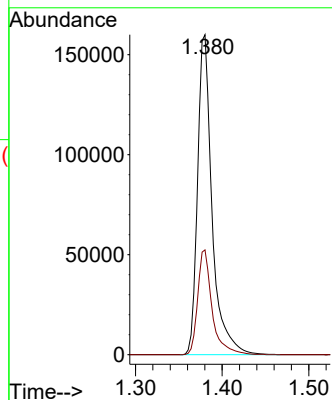
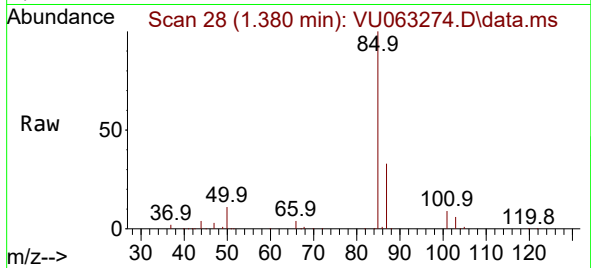




#2
 Dichlorodifluoromethane
 Concen: 10.49 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU063274.D
 Acq: 21 Feb 2025 14:27

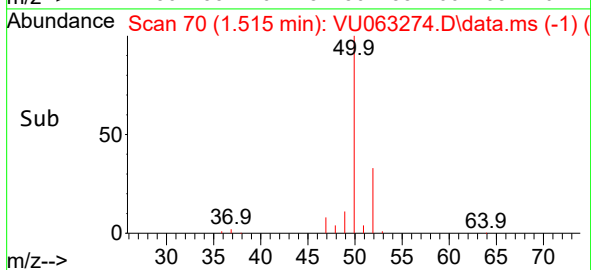
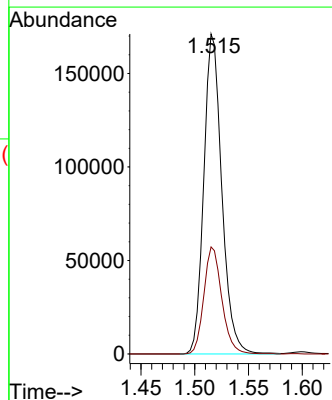
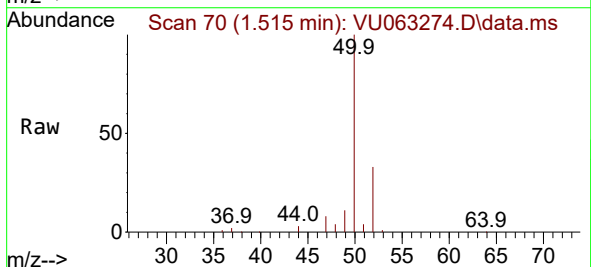
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010009

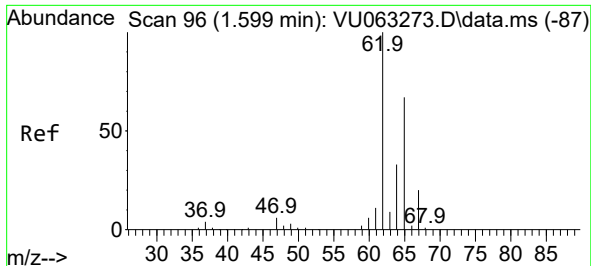
Tgt Ion: 85 Resp: 186382
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.5 38.3



#3
 Chloromethane
 Concen: 10.11 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU063274.D
 Acq: 21 Feb 2025 14:27

Tgt Ion: 50 Resp: 199733
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.5 43.7

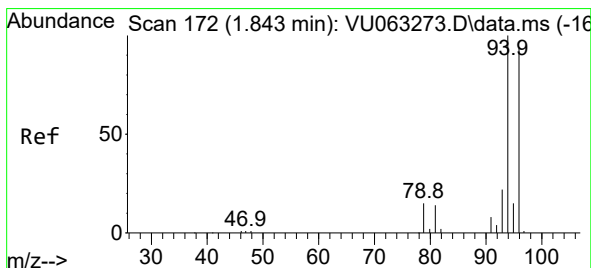
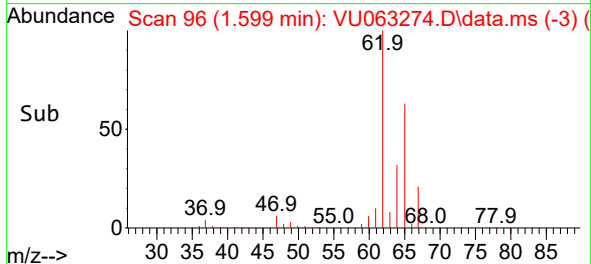
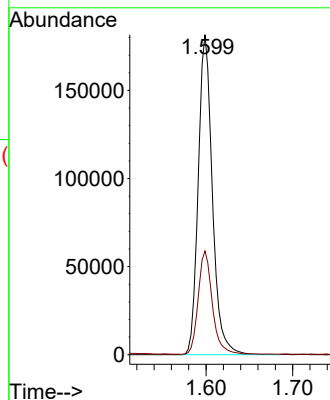
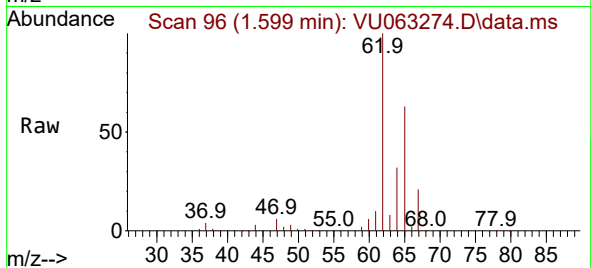




#5
 Vinyl chloride
 Concen: 10.33 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU063274.D
 Acq: 21 Feb 2025 14:27

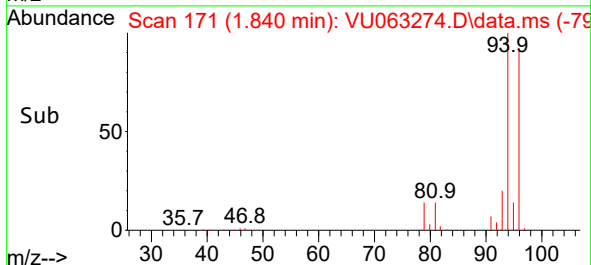
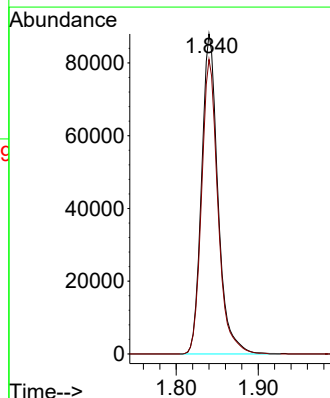
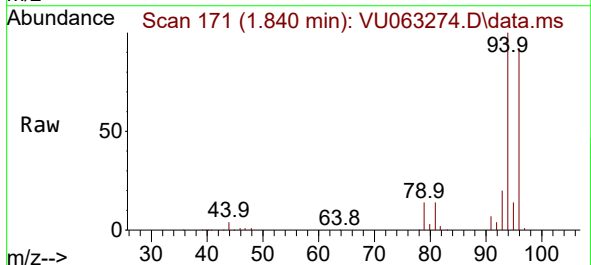
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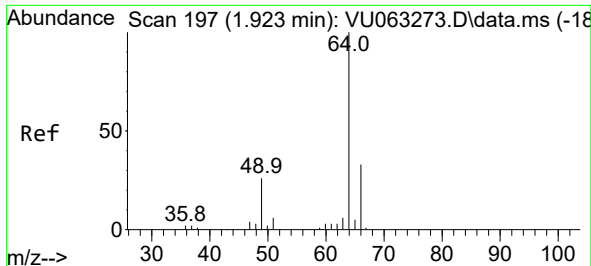
Tgt Ion: 62 Resp: 205445
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.3 43.3



#6
 Bromomethane
 Concen: 11.83 ug/L
 RT: 1.840 min Scan# 171
 Delta R.T. -0.003 min
 Lab File: VU063274.D
 Acq: 21 Feb 2025 14:27

Tgt Ion: 94 Resp: 122166
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.6 121.8

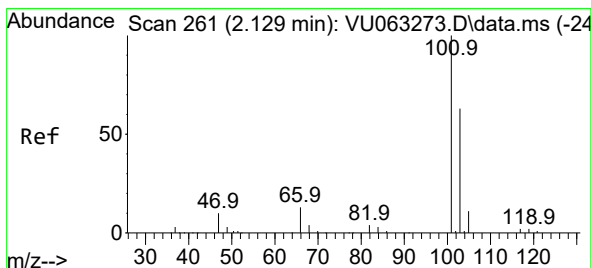
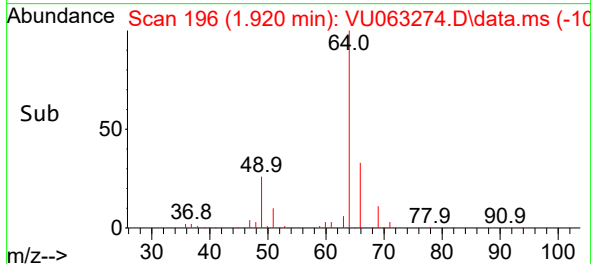
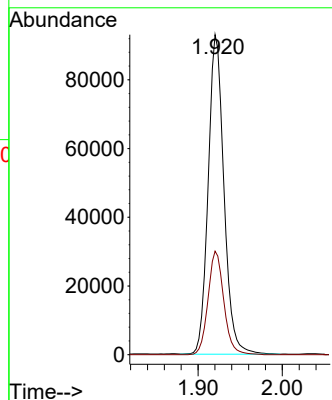
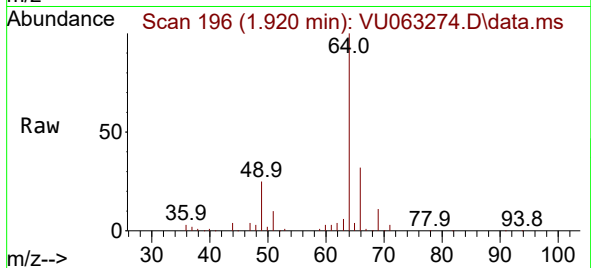




#8
Chloroethane
Concen: 10.11 ug/L
RT: 1.920 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

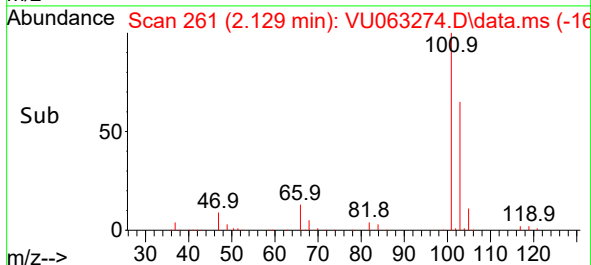
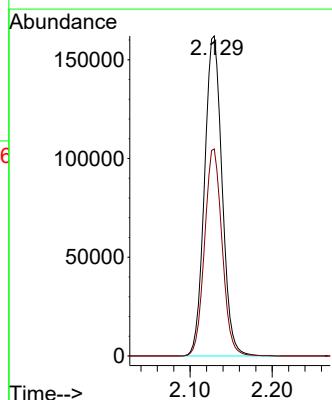
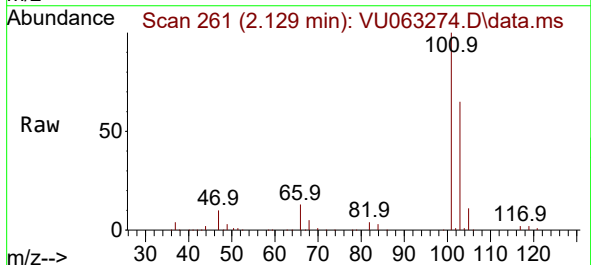
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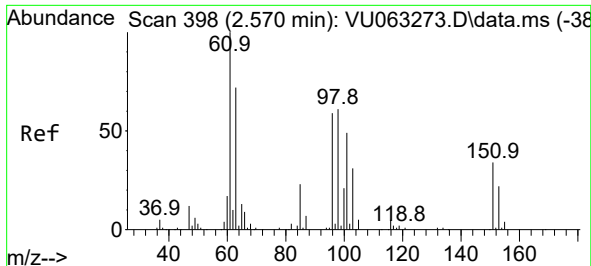
Tgt Ion: 64 Resp: 120964
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 10.84 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion:101 Resp: 240858
Ion Ratio Lower Upper
101 100
103 64.6 50.8 76.2

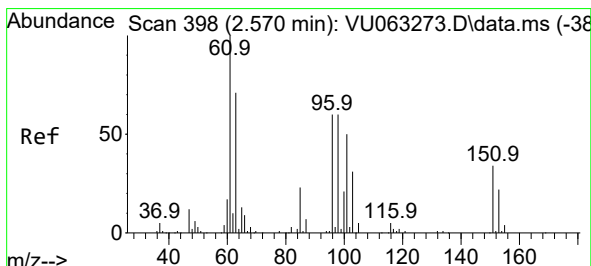
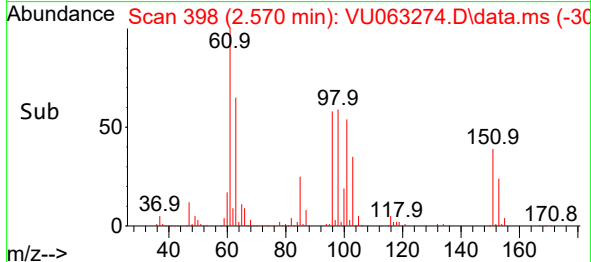
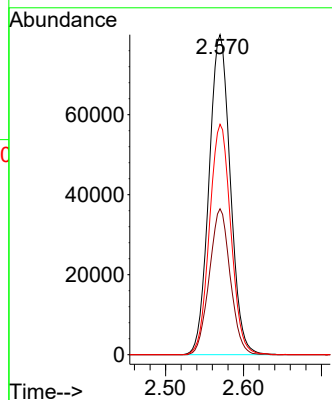
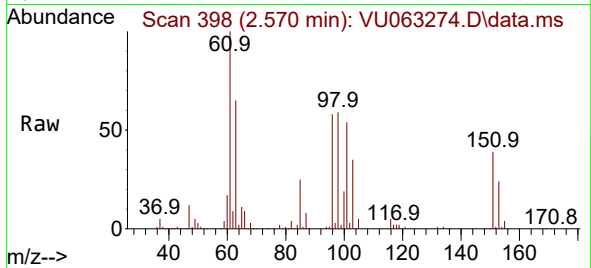




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.15 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063274.D
 Acq: 21 Feb 2025 14:27

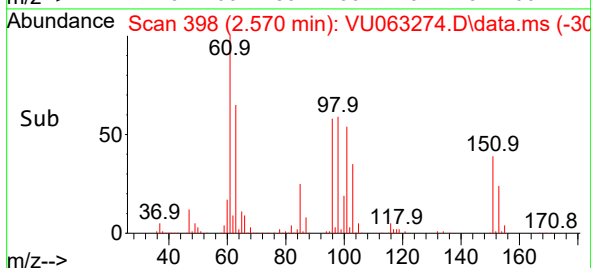
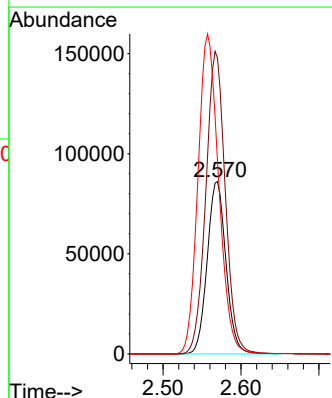
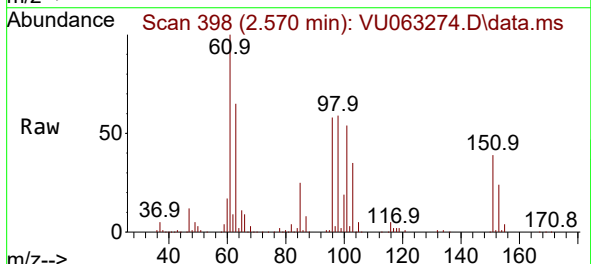
Instrument :
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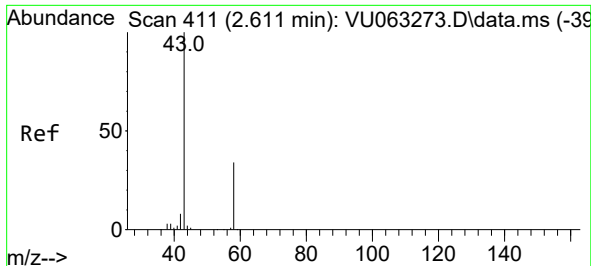
Tgt Ion:101 Resp: 152057
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.8 53.6
 151 72.2 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 10.68 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063274.D
 Acq: 21 Feb 2025 14:27

Tgt Ion: 96 Resp: 144419
 Ion Ratio Lower Upper
 96 100
 61 171.6 117.8 218.8
 63 111.9 86.0 159.6





#13

Acetone

Concen: 90.26 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

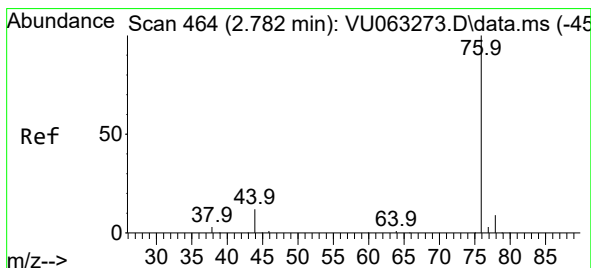
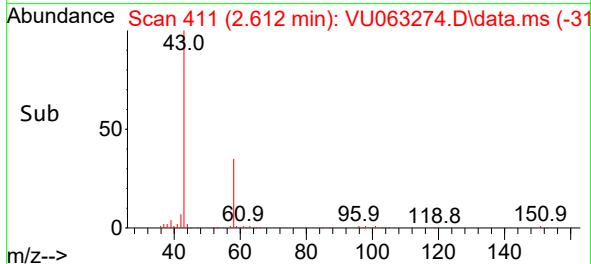
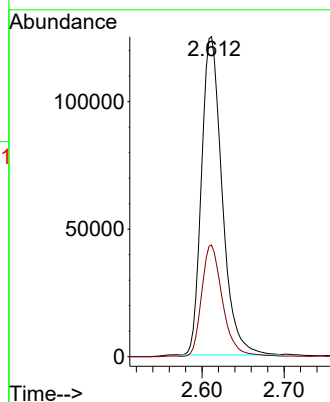
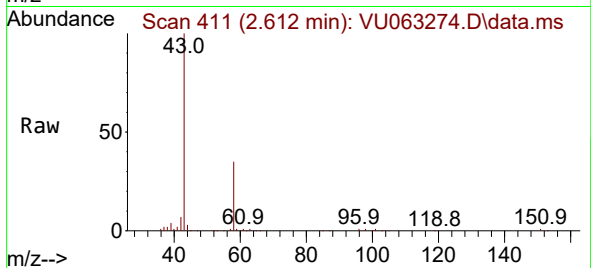
VSTD010009

Tgt Ion: 43 Resp: 218013

Ion Ratio Lower Upper

43 100

58 35.3 0.0 66.8



#14

Carbon disulfide

Concen: 10.16 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063274.D

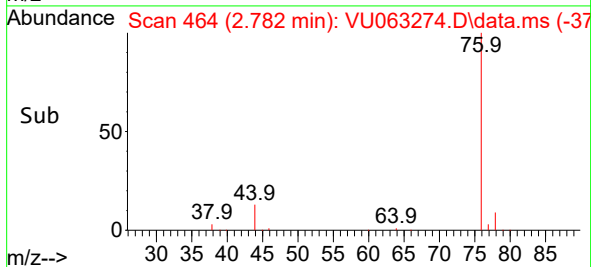
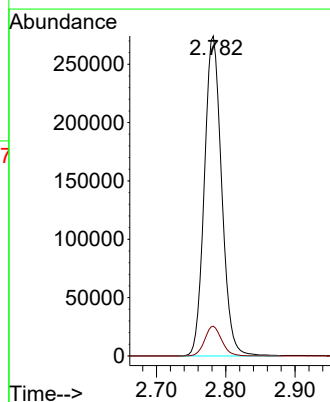
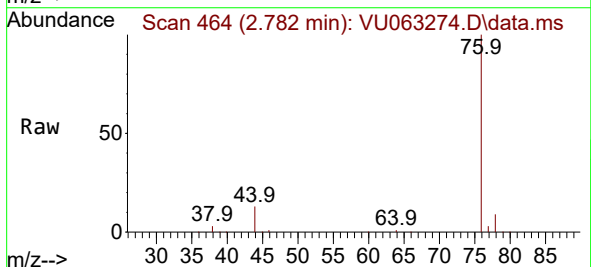
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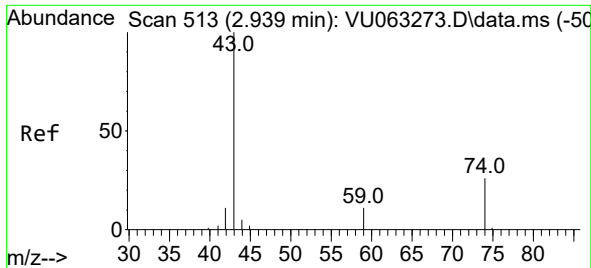
Tgt Ion: 76 Resp: 475448

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

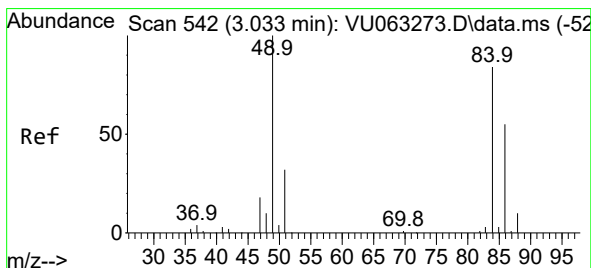
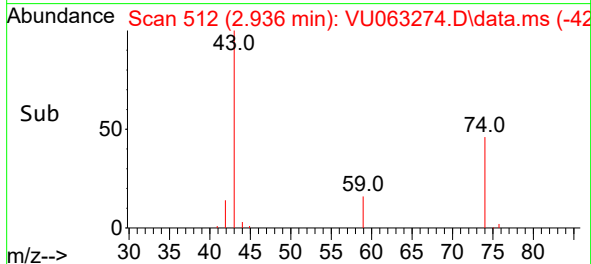
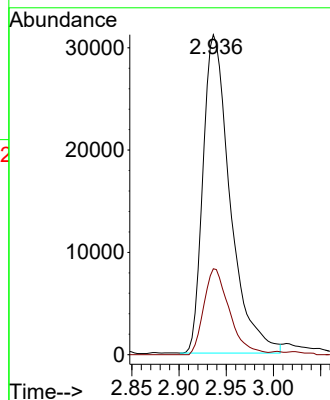
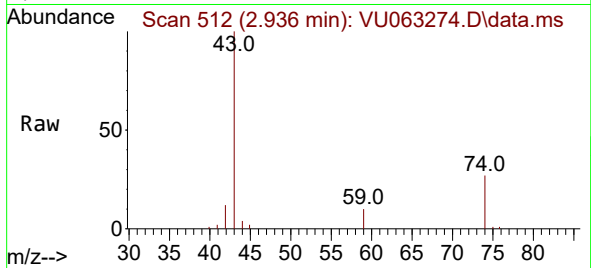




#15
Methyl Acetate
Concen: 9.56 ug/L
RT: 2.936 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

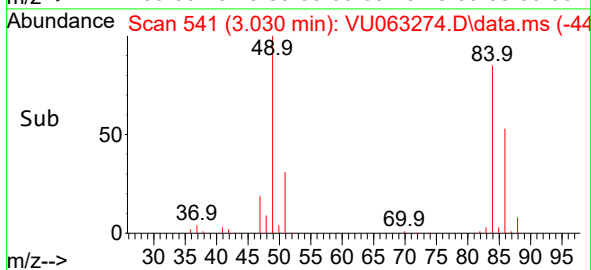
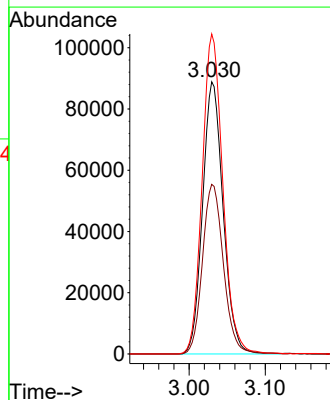
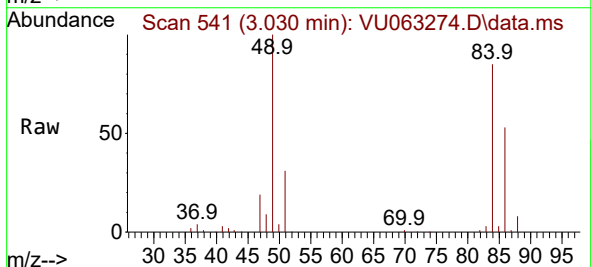
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

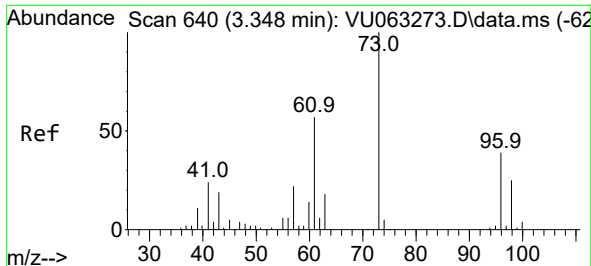
Tgt Ion: 43 Resp: 62167
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2



#16
Methylene chloride
Concen: 10.29 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion: 84 Resp: 166925
Ion Ratio Lower Upper
84 100
86 62.3 45.3 84.1
49 117.6 83.4 154.8





#17

Methyl tert-butyl Ether

Concen: 10.16 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD010009

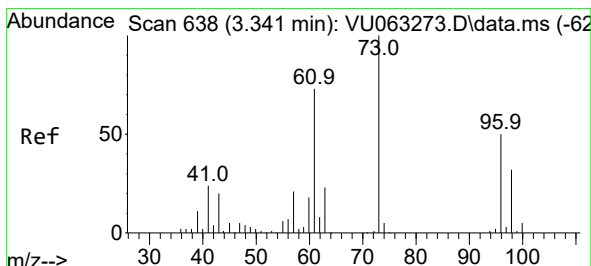
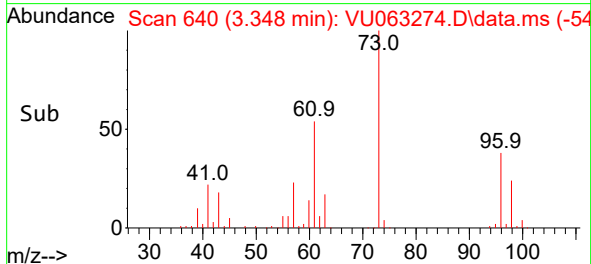
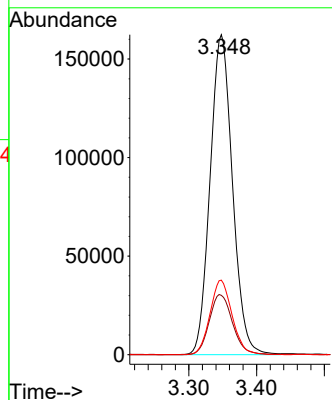
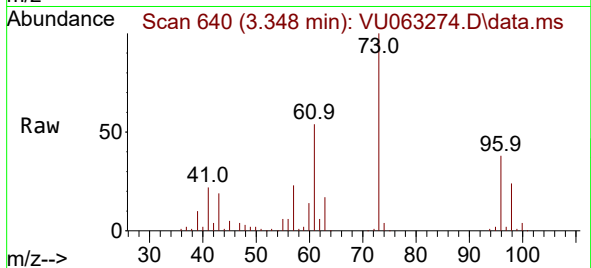
Tgt Ion: 73 Resp: 372937

Ion Ratio Lower Upper

73 100

43 19.3 15.7 23.5

57 23.0 17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 10.79 ug/L

RT: 3.338 min Scan# 637

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

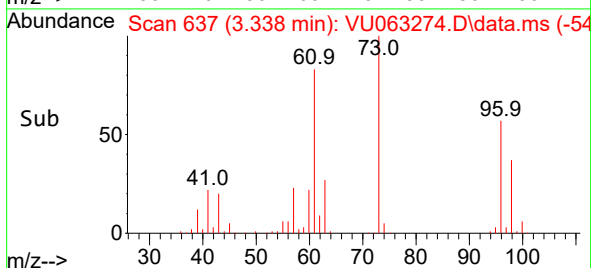
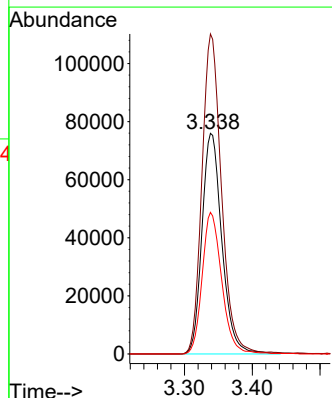
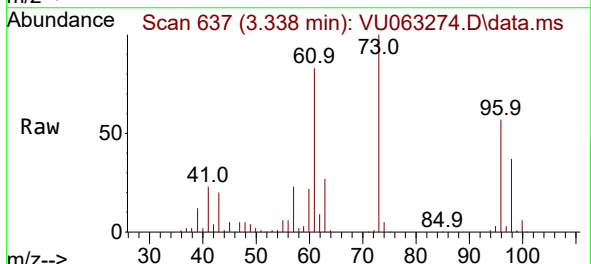
Tgt Ion: 96 Resp: 154981

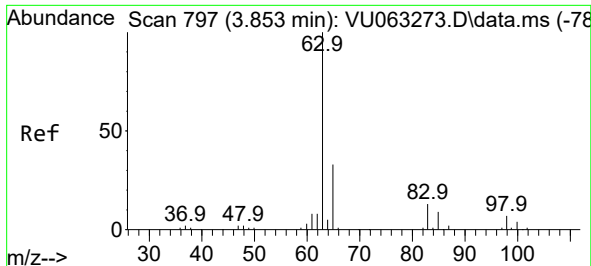
Ion Ratio Lower Upper

96 100

61 145.1 100.7 186.9

98 64.2 44.4 82.5

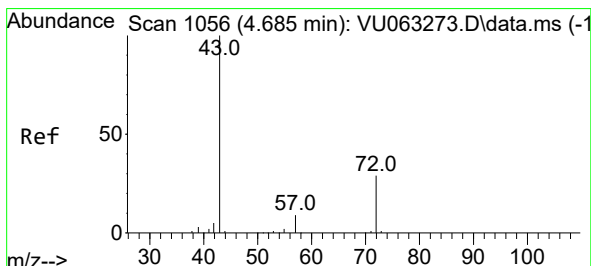
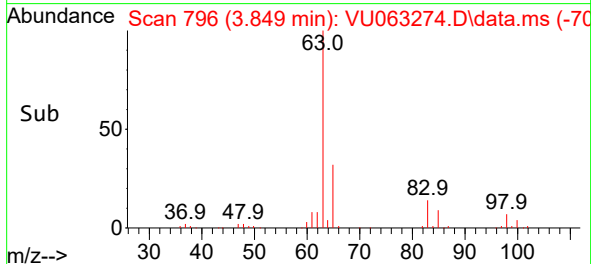
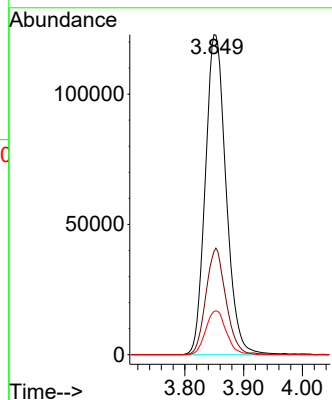
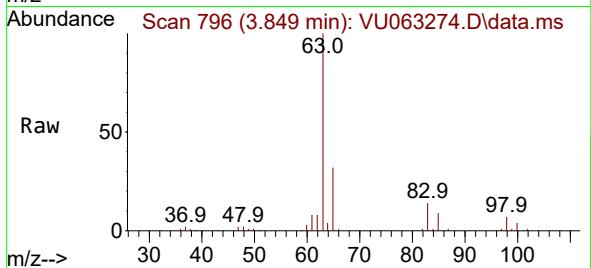




#19
1,1-Dichloroethane
Concen: 10.32 ug/L
RT: 3.849 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

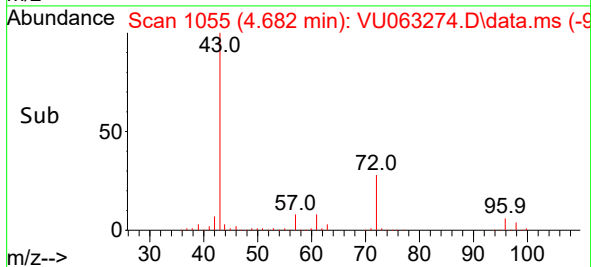
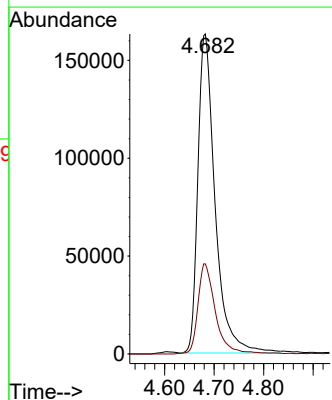
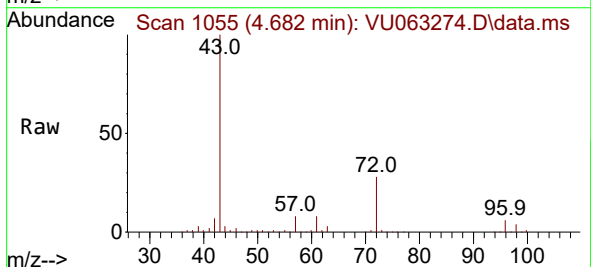
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

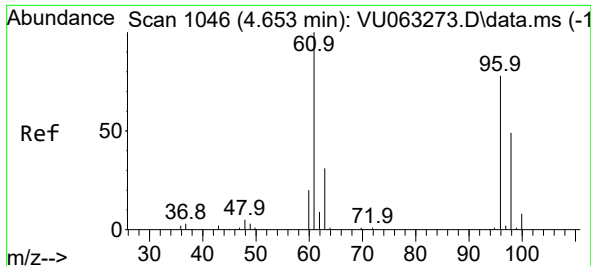
Tgt Ion: 63 Resp: 300050
Ion Ratio Lower Upper
63 100
65 32.2 22.8 42.4
83 13.5 9.3 17.3



#21
2-Butanone
Concen: 99.97 ug/L
RT: 4.682 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion: 43 Resp: 395429
Ion Ratio Lower Upper
43 100
72 28.6 14.5 43.5

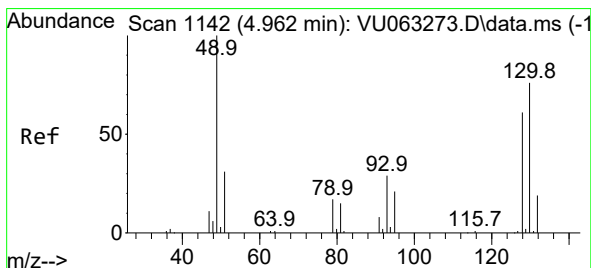
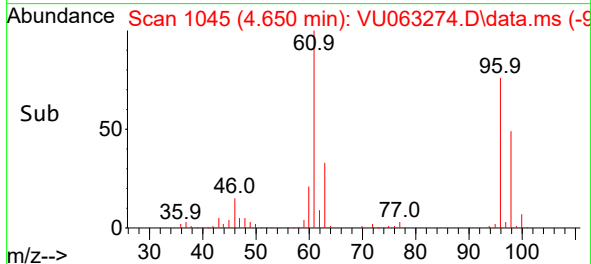
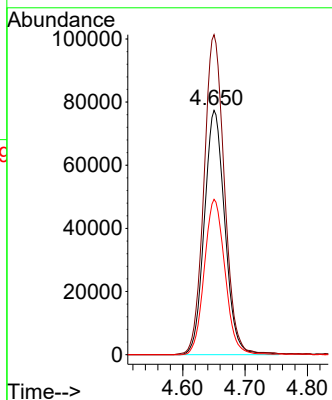
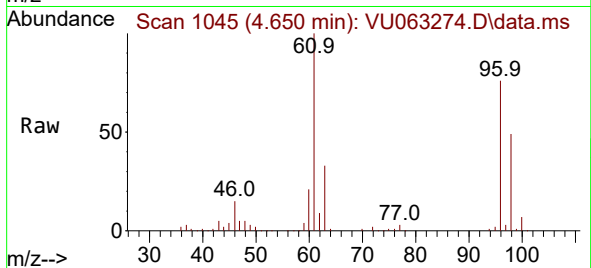




#22
 cis-1,2-Dichloroethene
 Concen: 10.95 ug/L
 RT: 4.650 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU063274.D
 Acq: 21 Feb 2025 14:27

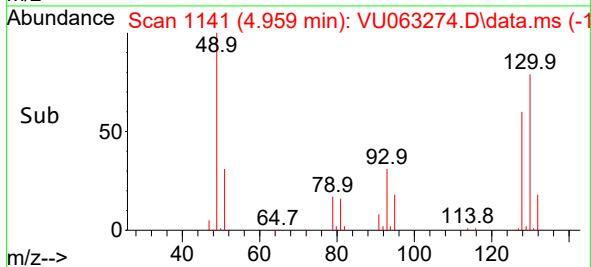
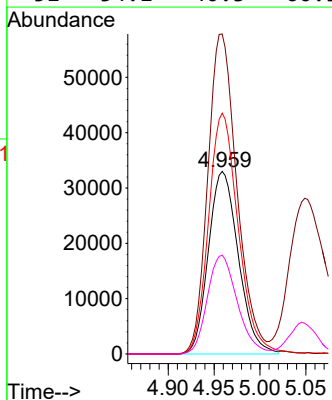
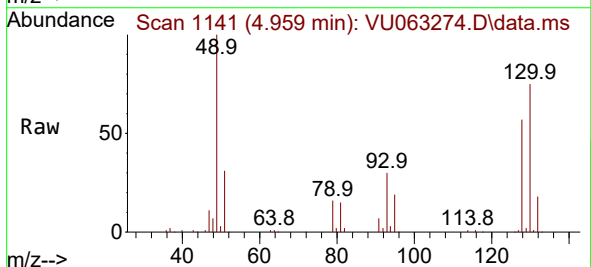
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010009

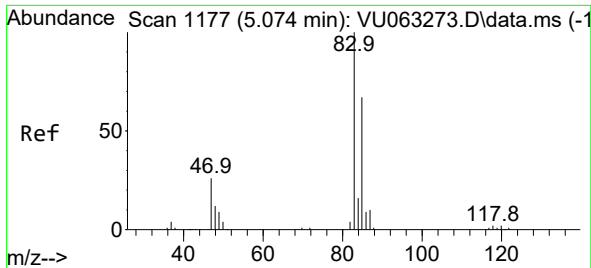
Tgt Ion: 96 Resp: 176957
 Ion Ratio Lower Upper
 96 100
 61 130.9 89.9 167.0
 98 63.5 43.8 81.4



#23
 Bromochloromethane
 Concen: 10.37 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.003 min
 Lab File: VU063274.D
 Acq: 21 Feb 2025 14:27

Tgt Ion: 128 Resp: 74998
 Ion Ratio Lower Upper
 128 100
 49 175.3 115.1 213.8
 130 131.9 87.6 162.8
 51 54.1 40.3 60.5

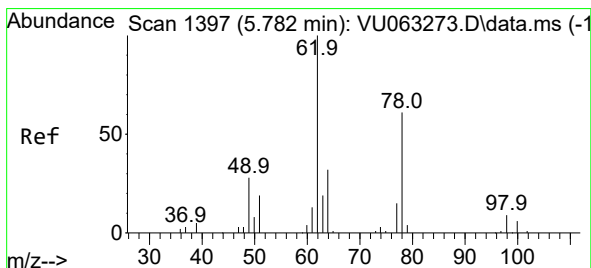
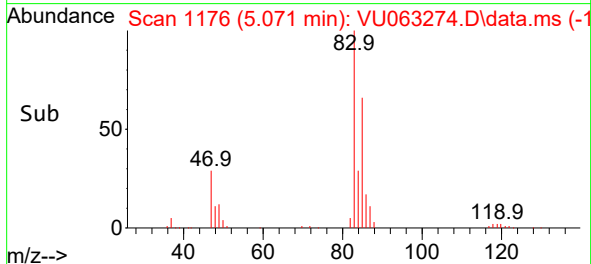
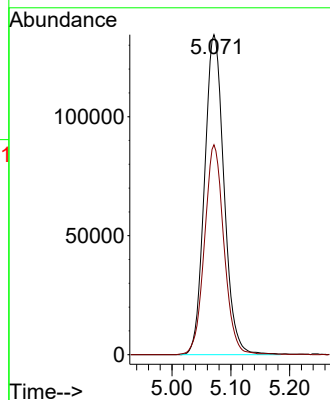
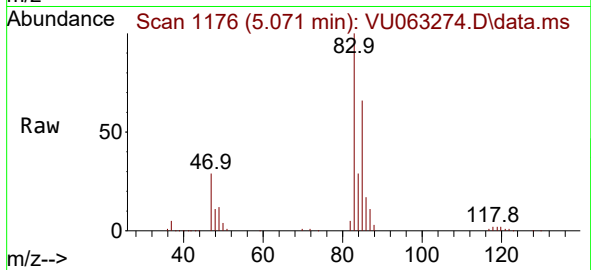




#25
Chloroform
Concen: 10.80 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

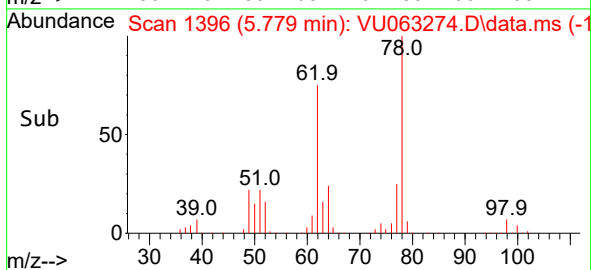
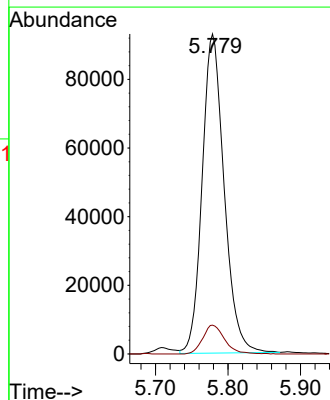
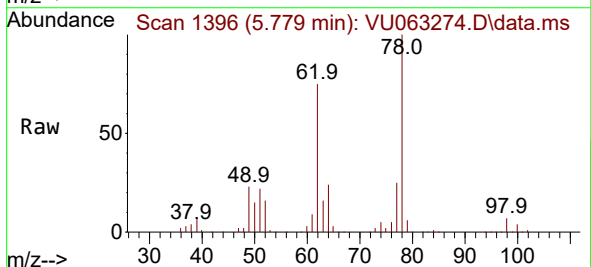
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

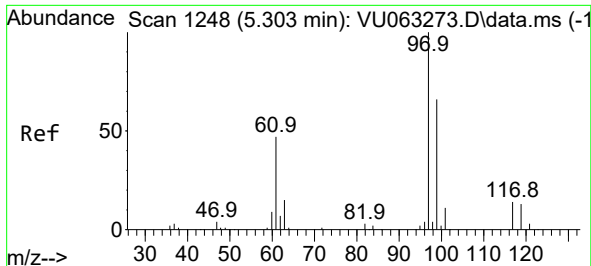
Tgt Ion: 83 Resp: 309187
Ion Ratio Lower Upper
83 100
85 65.6 46.8 86.8



#27
1,2-Dichloroethane
Concen: 10.46 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion: 62 Resp: 195652
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 10.98 ug/L

RT: 5.300 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD010009

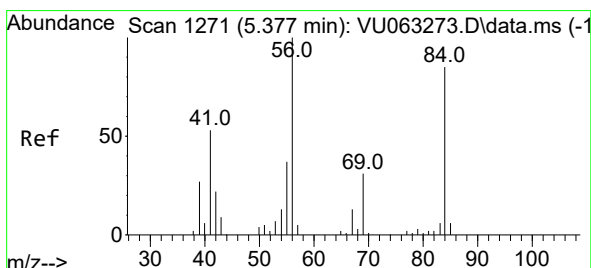
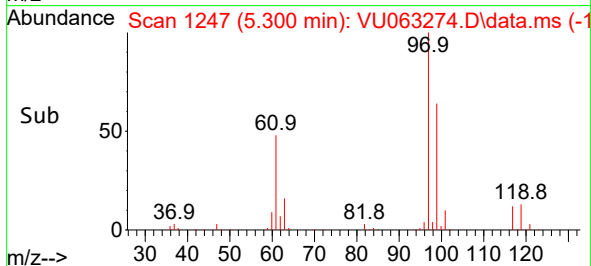
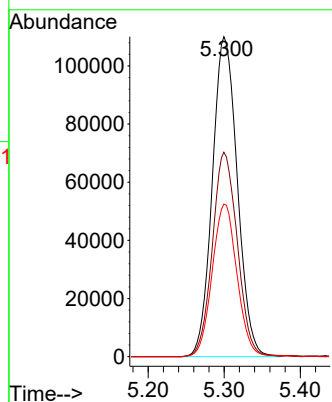
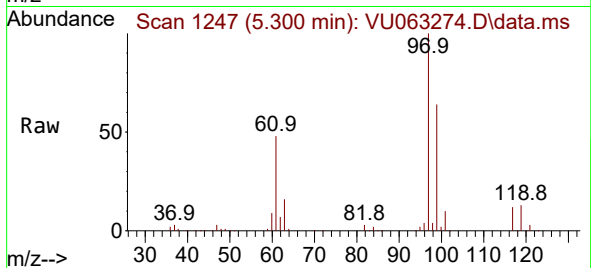
Tgt Ion: 97 Resp: 251351

Ion Ratio Lower Upper

97 100

99 63.7 52.0 78.0

61 47.6 38.0 57.0



#30

Cyclohexane

Concen: 11.41 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

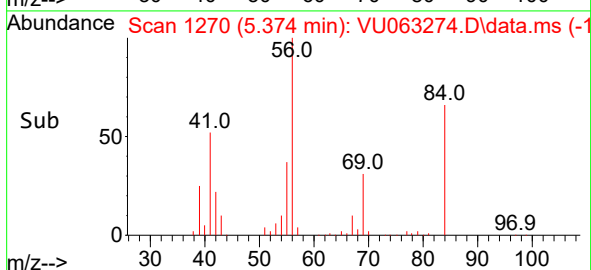
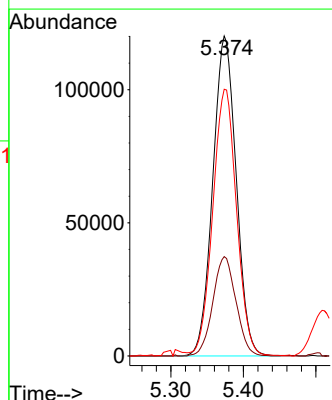
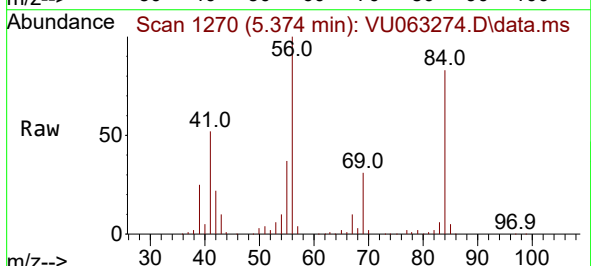
Tgt Ion: 56 Resp: 269829

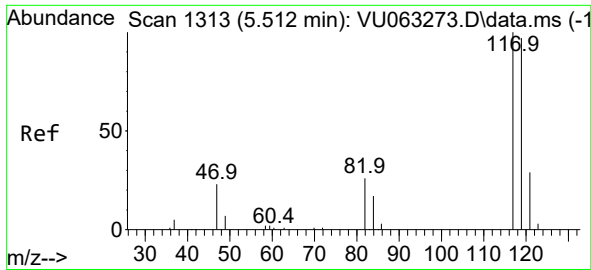
Ion Ratio Lower Upper

56 100

69 30.6 25.1 37.7

84 84.3 68.1 102.1

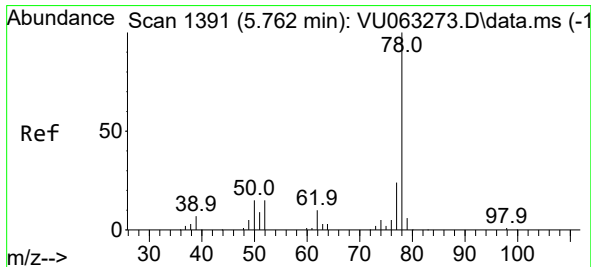
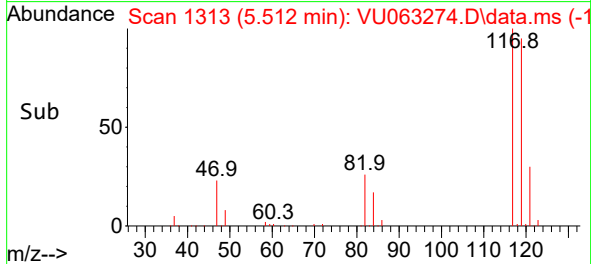
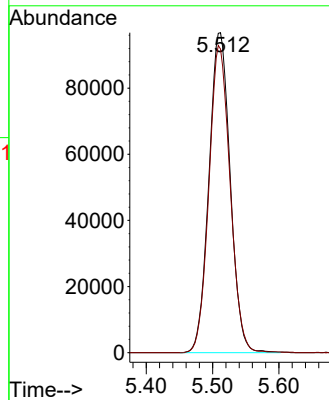
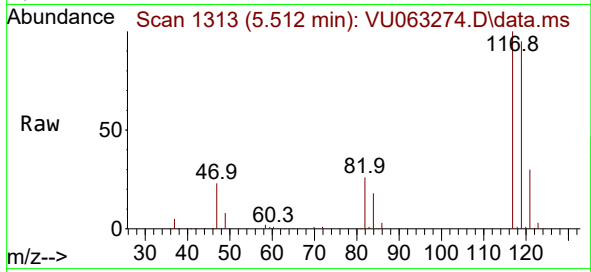




#31
Carbon tetrachloride
Concen: 11.21 ug/L
RT: 5.512 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

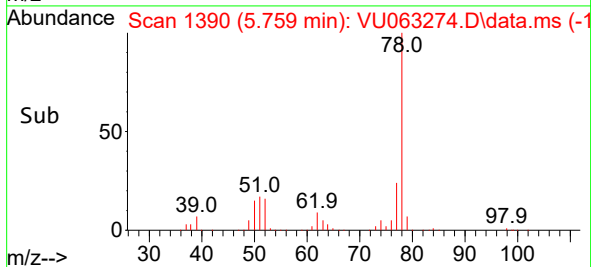
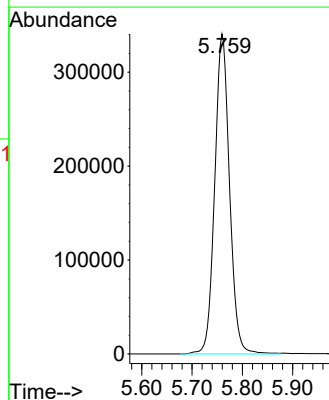
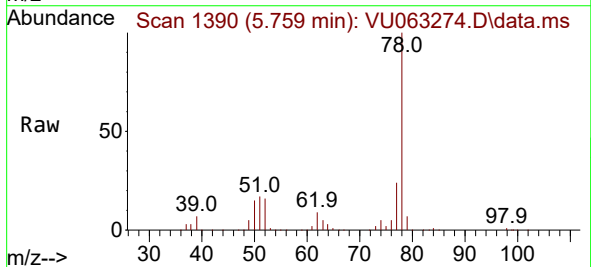
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

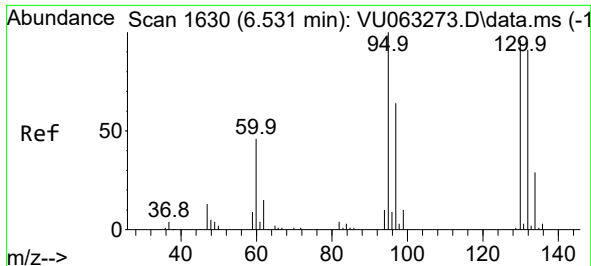
Tgt Ion:117 Resp: 215641
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1



#33
Benzene
Concen: 10.93 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion: 78 Resp: 697561

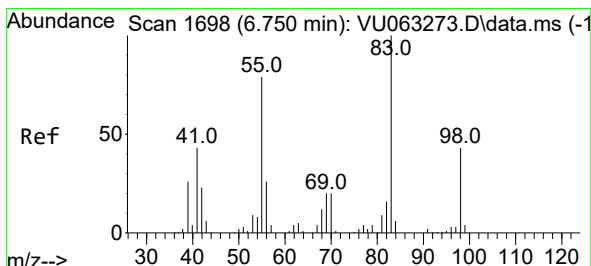
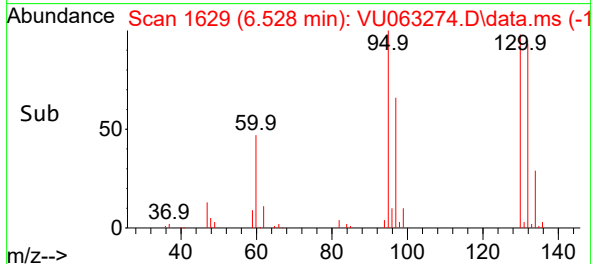
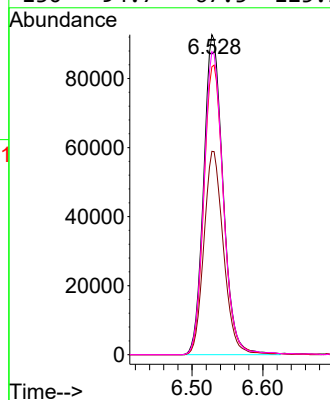
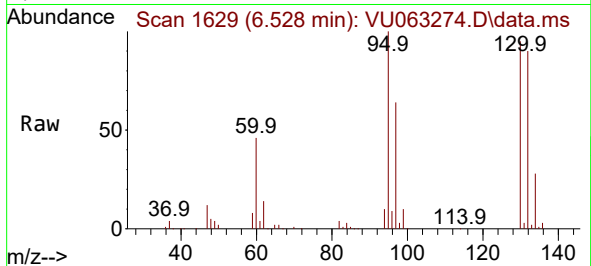




#34
Trichloroethene
Concen: 10.92 ug/L
RT: 6.528 min Scan# 1629
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

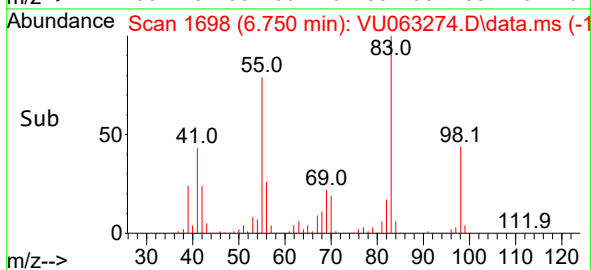
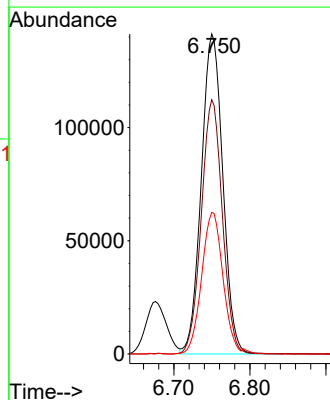
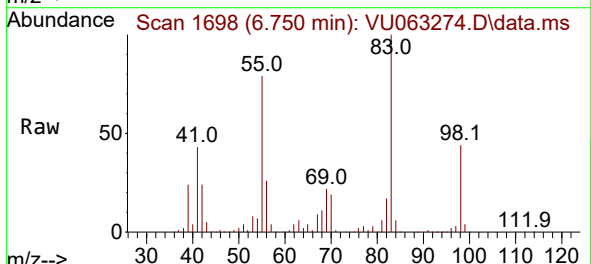
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

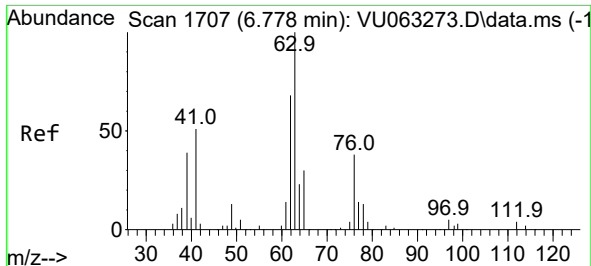
Tgt Ion: 95 Resp: 176139
Ion Ratio Lower Upper
95 100
97 63.6 45.0 83.6
132 90.0 64.0 119.0
130 94.7 67.5 125.3



#35
Methylcyclohexane
Concen: 11.73 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion: 83 Resp: 277983
Ion Ratio Lower Upper
83 100
55 77.6 62.7 94.1
98 43.6 34.3 51.5





#37

1,2-Dichloropropane

Concen: 10.90 ug/L

RT: 6.775 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

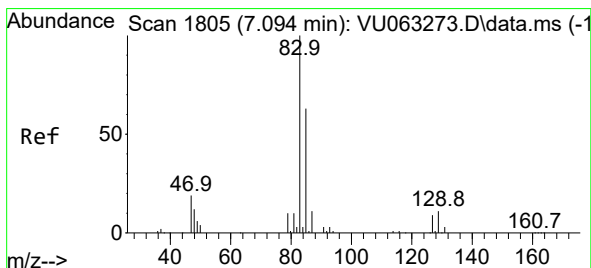
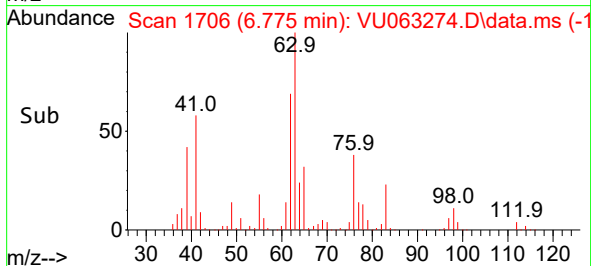
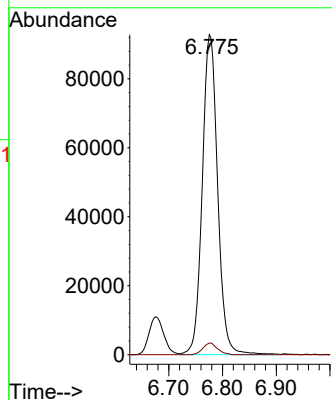
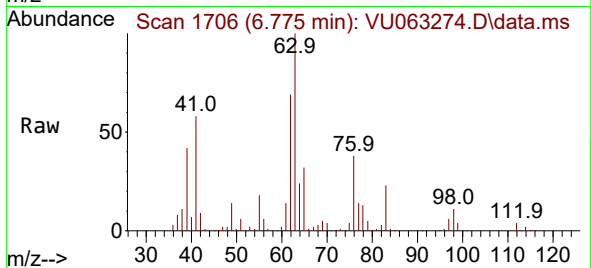
VSTD010009

Tgt Ion: 63 Resp: 184246

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 10.78 ug/L

RT: 7.090 min Scan# 1804

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

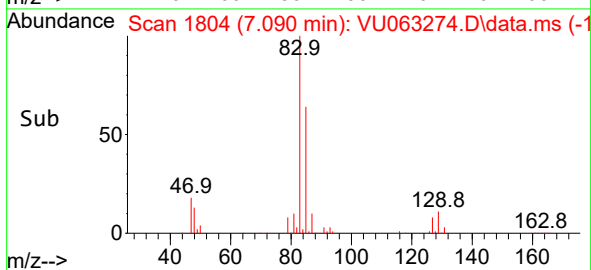
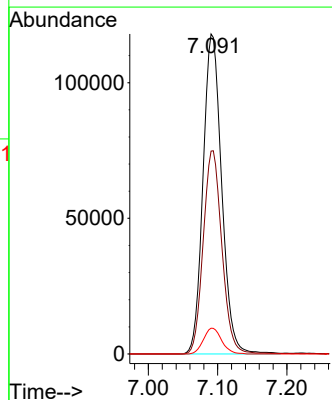
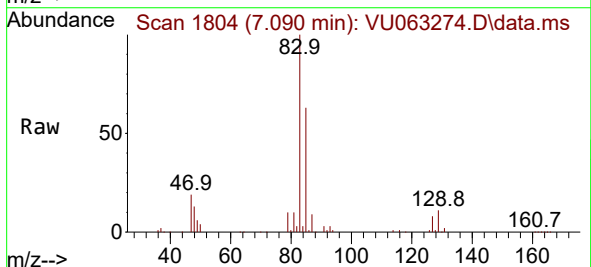
Tgt Ion: 83 Resp: 220126

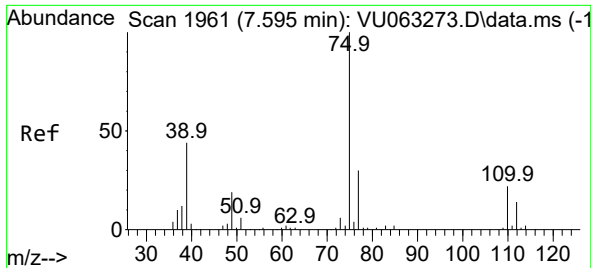
Ion Ratio Lower Upper

83 100

85 63.4 44.3 82.3

127 8.1 6.9 10.3

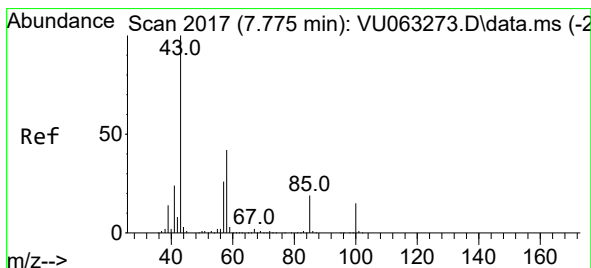
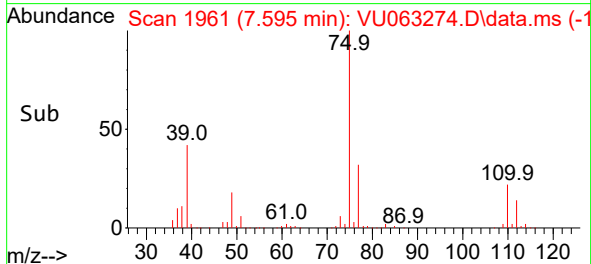
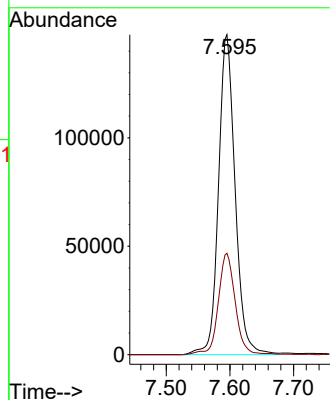
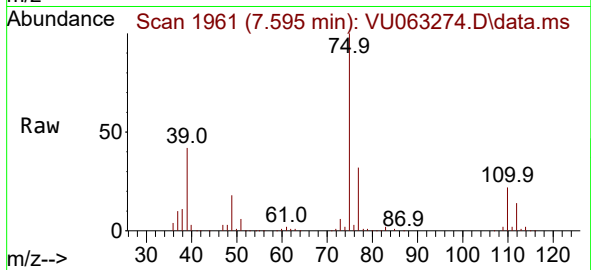




#39
cis-1,3-Dichloropropene
Concen: 11.07 ug/L
RT: 7.595 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

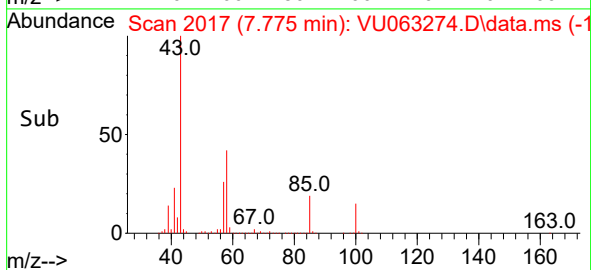
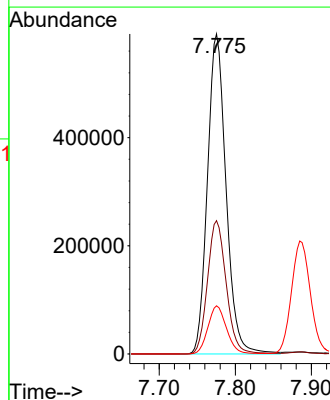
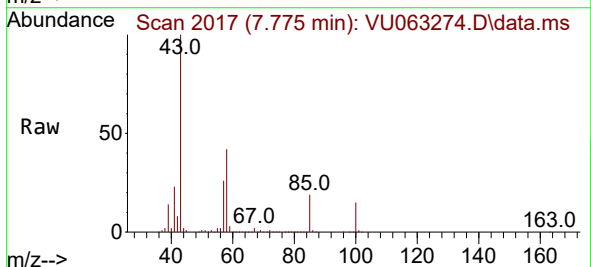
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

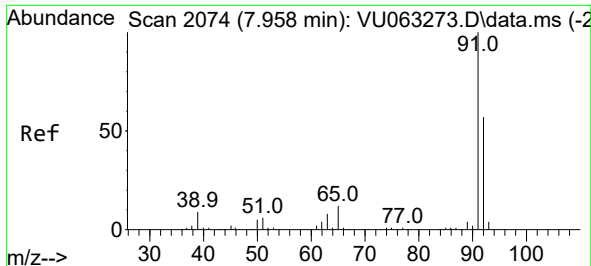
Tgt Ion: 75 Resp: 267918
Ion Ratio Lower Upper
75 100
77 31.7 21.3 39.6



#40
4-Methyl-2-pentanone
Concen: 102.39 ug/L
RT: 7.775 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion: 43 Resp: 1005362
Ion Ratio Lower Upper
43 100
58 42.0 33.1 49.7
100 15.1 11.9 17.9





#42

Toluene

Concen: 11.29 ug/L

RT: 7.955 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

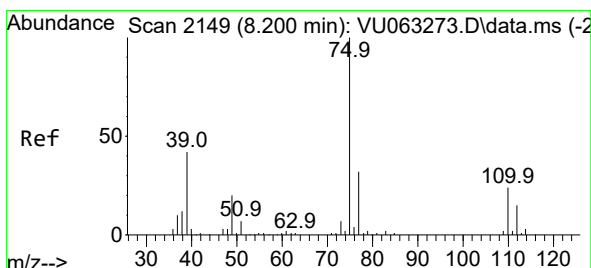
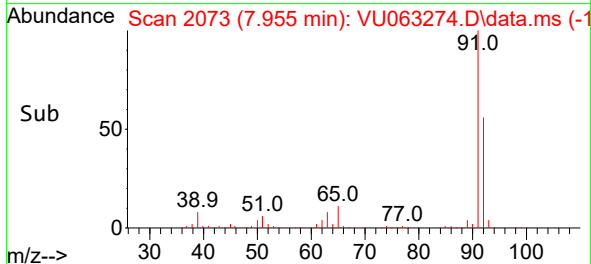
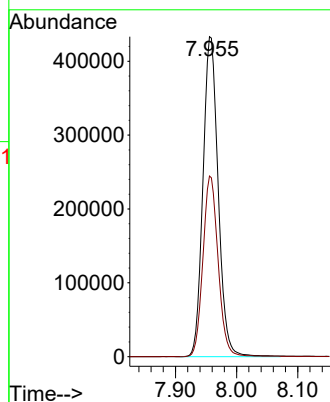
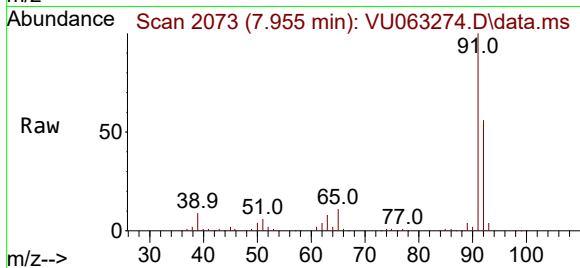
VSTD010009

Tgt Ion: 91 Resp: 750054

Ion Ratio Lower Upper

91 100

92 56.5 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 10.69 ug/L

RT: 8.197 min Scan# 2148

Delta R.T. -0.003 min

Lab File: VU063274.D

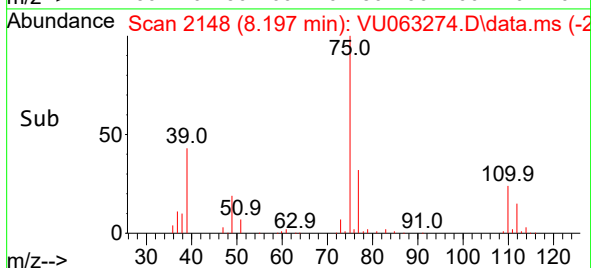
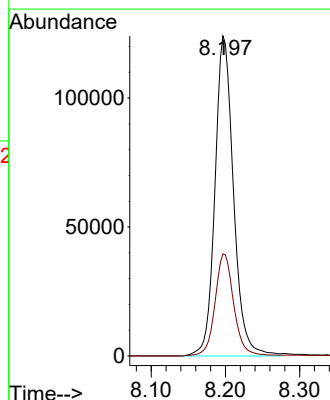
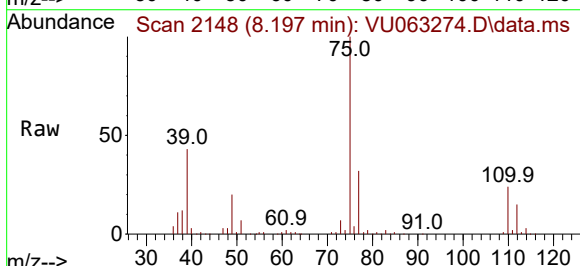
Acq: 21 Feb 2025 14:27

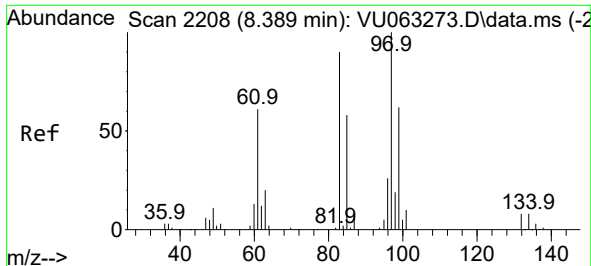
Tgt Ion: 75 Resp: 215749

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1

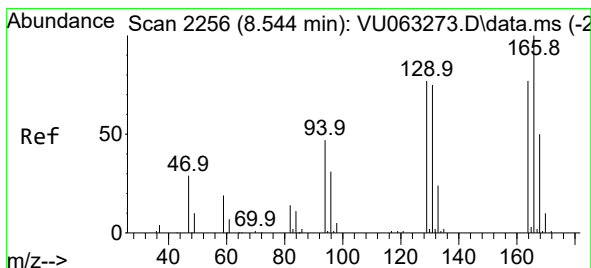
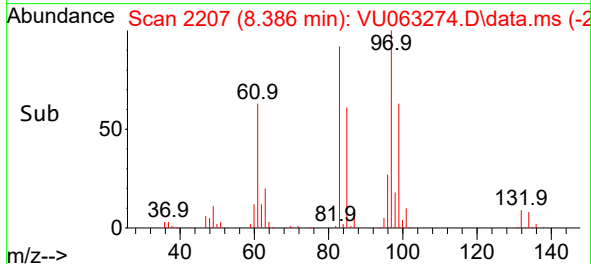
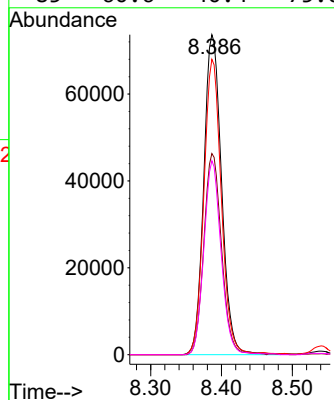
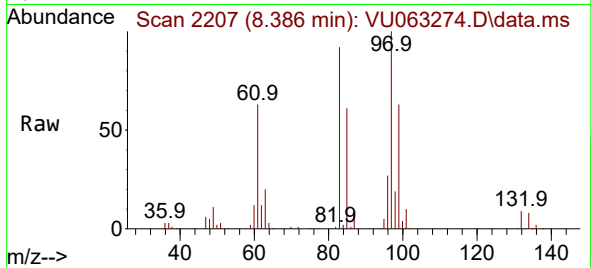




#45
1,1,2-Trichloroethane
Concen: 10.31 ug/L
RT: 8.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

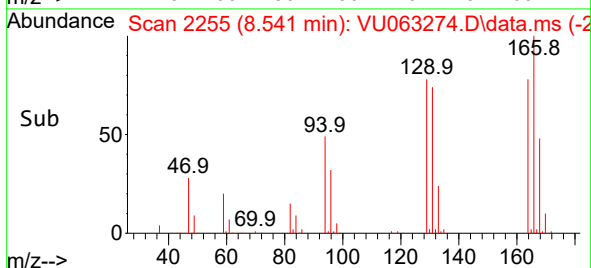
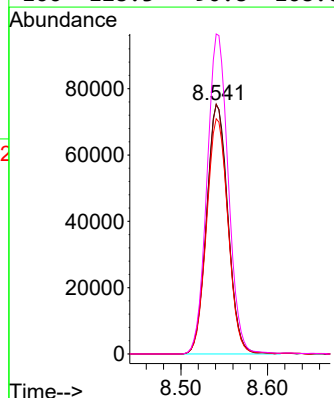
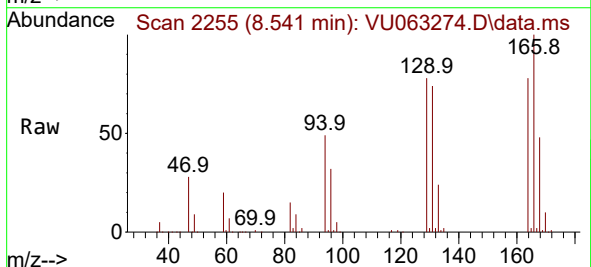
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

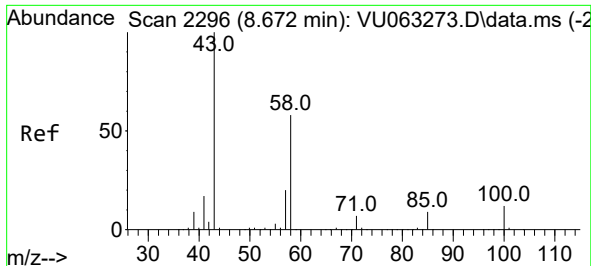
Tgt Ion:	97	Resp:	128480
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.2	80.2
83	92.3	63.0	117.0
85	60.6	40.4	75.0



#47
Tetrachloroethene
Concen: 11.46 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion:	164	Resp:	129154
Ion	Ratio	Lower	Upper
164	100		
129	100.2	69.6	129.2
131	94.3	67.9	126.1
166	128.3	90.8	168.6



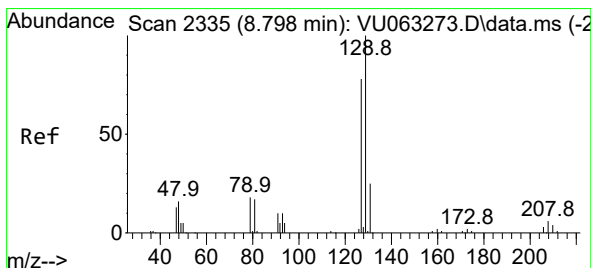
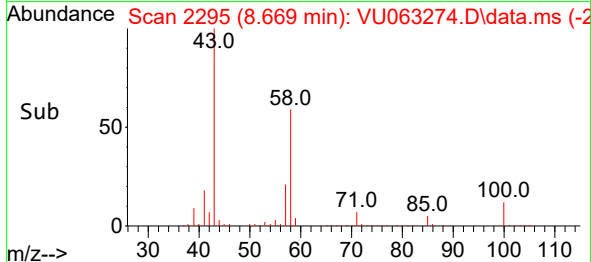
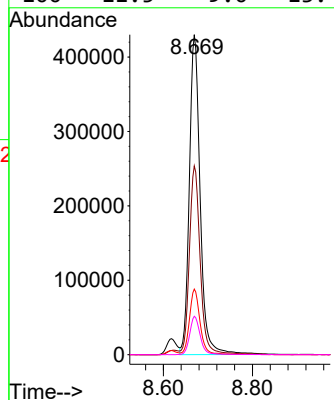
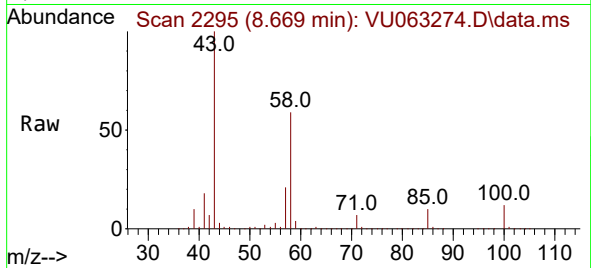


#48
2-Hexanone
Concen: 105.26 ug/L
RT: 8.669 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

Tgt Ion: 43 Resp: 725871

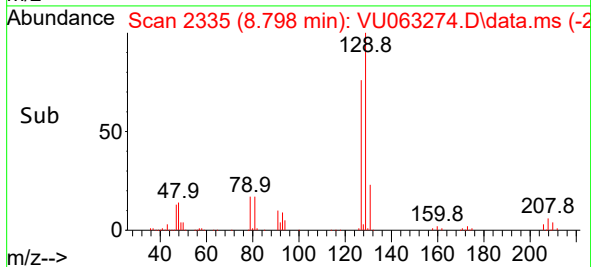
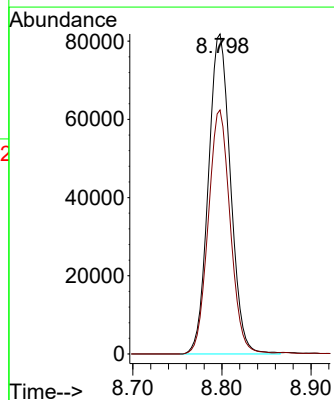
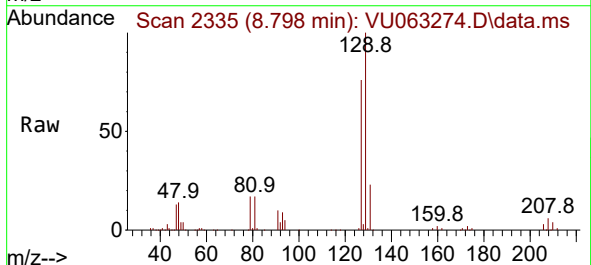
Ion	Ratio	Lower	Upper
43	100		
58	58.0	45.8	68.8
57	20.0	15.5	23.3
100	11.5	9.0	13.4

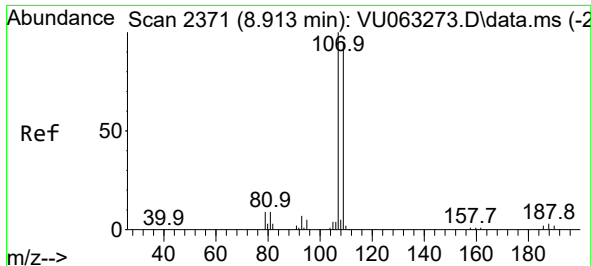


#49
Dibromochloromethane
Concen: 10.77 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion: 129 Resp: 141202

Ion	Ratio	Lower	Upper
129	100		
127	76.2	54.9	102.1

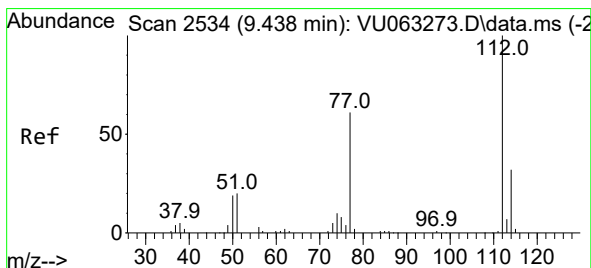
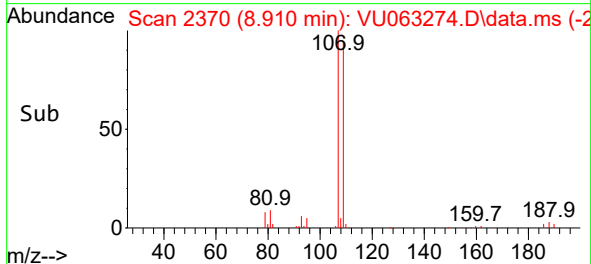
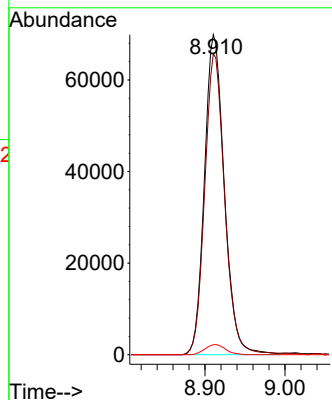
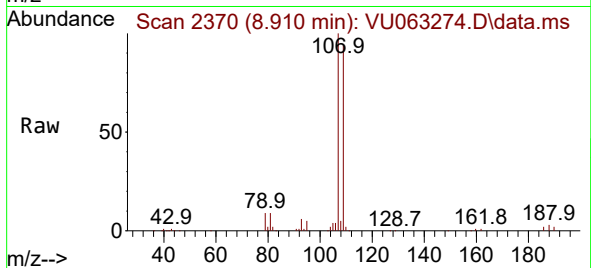




#50
1,2-Dibromoethane
Concen: 10.59 ug/L
RT: 8.910 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

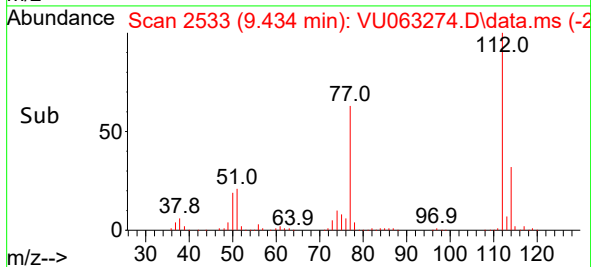
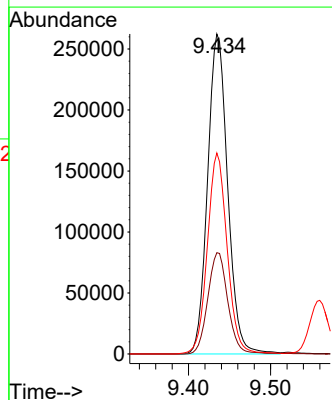
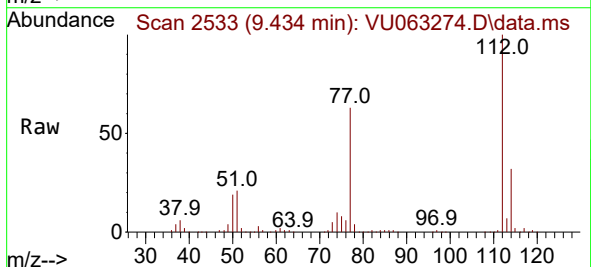
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

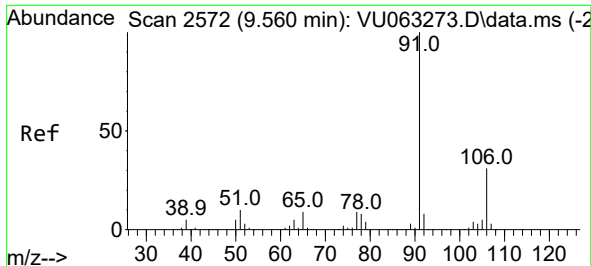
Tgt Ion:107 Resp: 121166
Ion Ratio Lower Upper
107 100
109 94.1 66.6 123.6
188 3.1 2.6 4.0



#51
Chlorobenzene
Concen: 11.09 ug/L
RT: 9.434 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion:112 Resp: 445483
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 62.8 49.2 73.8

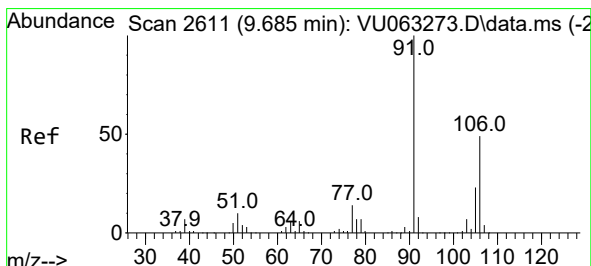
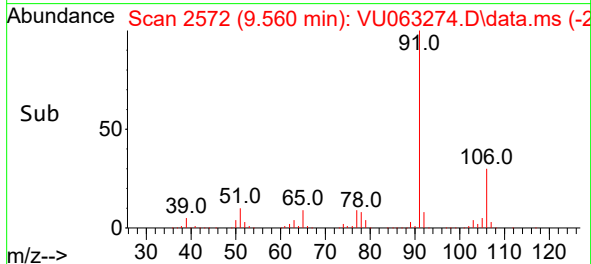
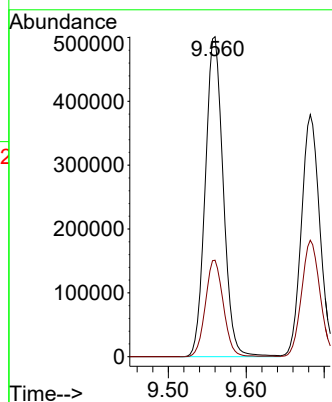
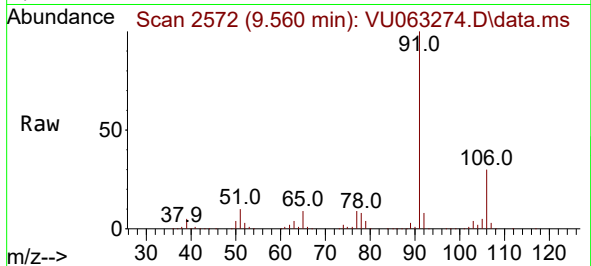




#52
Ethylbenzene
Concen: 11.63 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

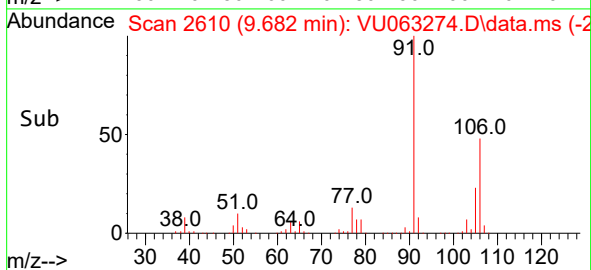
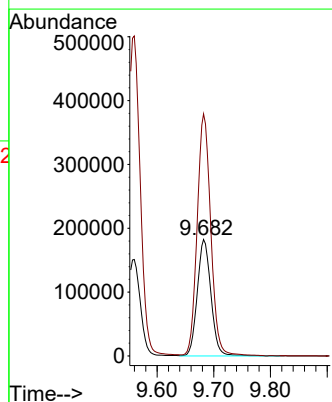
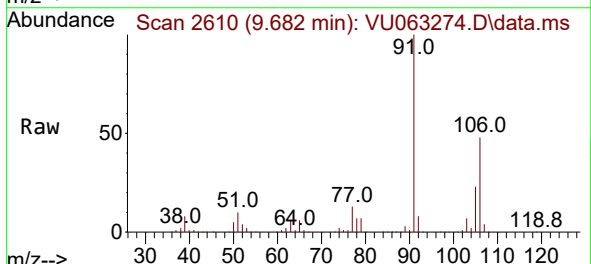
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

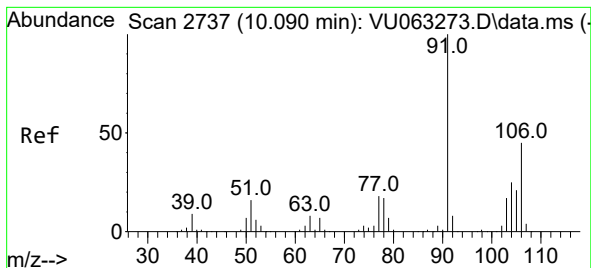
Tgt Ion: 91 Resp: 801515
Ion Ratio Lower Upper
91 100
106 30.2 21.9 40.7



#53
m,p-Xylene
Concen: 12.17 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion: 106 Resp: 304964
Ion Ratio Lower Upper
106 100
91 207.7 143.3 266.1





#54

o-Xylene

Concen: 11.89 ug/L

RT: 10.087 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

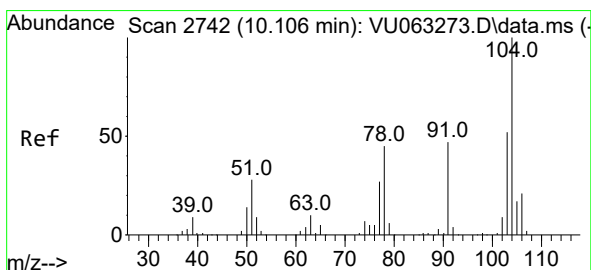
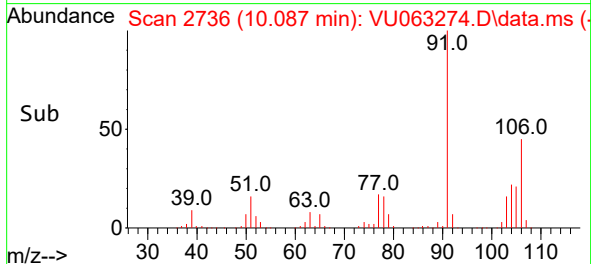
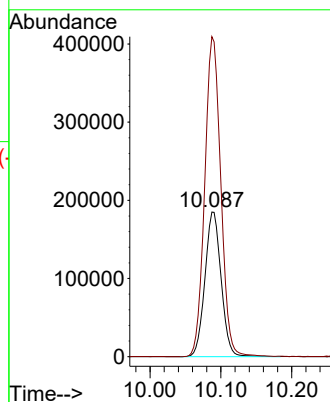
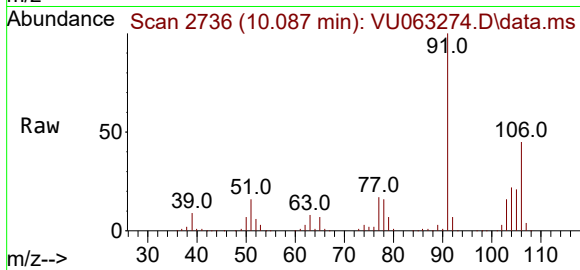
VSTD010009

Tgt Ion:106 Resp: 293449

Ion Ratio Lower Upper

106 100

91 221.2 155.5 288.9



#55

Styrene

Concen: 12.13 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.003 min

Lab File: VU063274.D

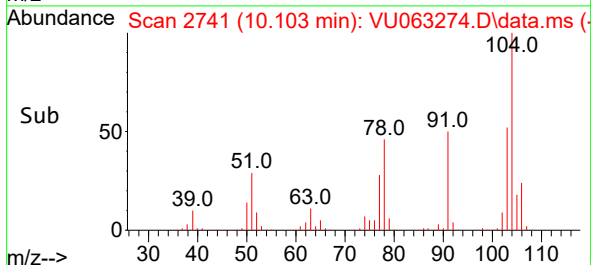
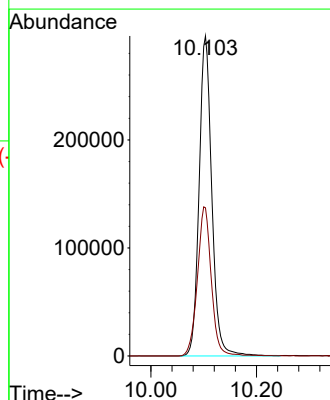
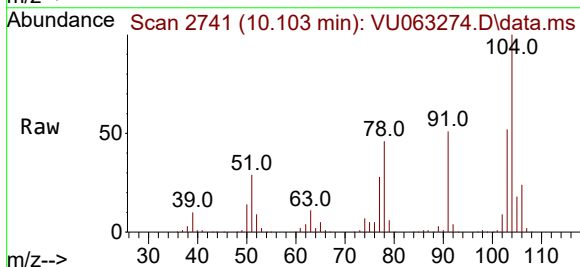
Acq: 21 Feb 2025 14:27

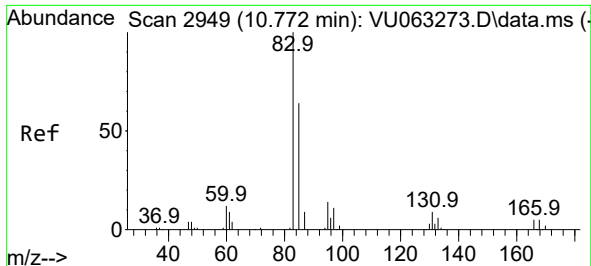
Tgt Ion:104 Resp: 493454

Ion Ratio Lower Upper

104 100

78 46.3 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 10.30 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD010009

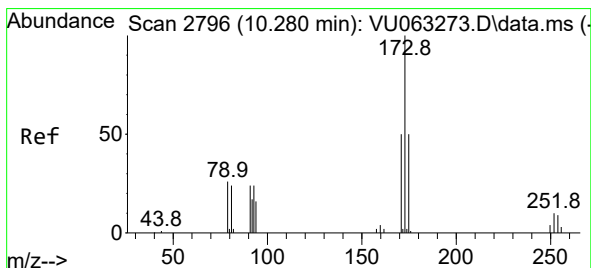
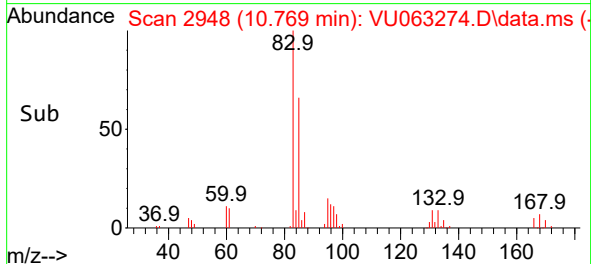
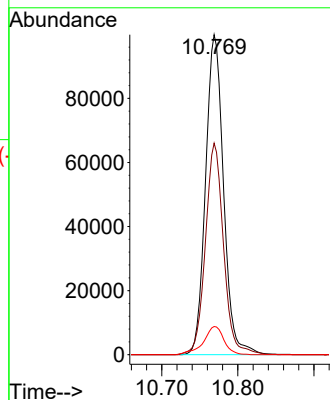
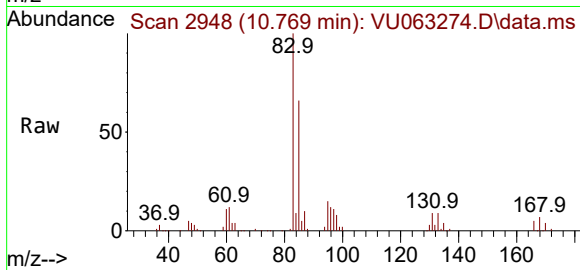
Tgt Ion: 83 Resp: 164331

Ion Ratio Lower Upper

83 100

85 66.1 44.9 83.5

131 8.8 7.2 10.8



#59

Bromoform

Concen: 10.13 ug/L

RT: 10.277 min Scan# 2795

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

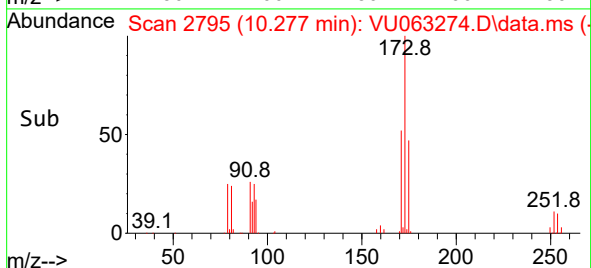
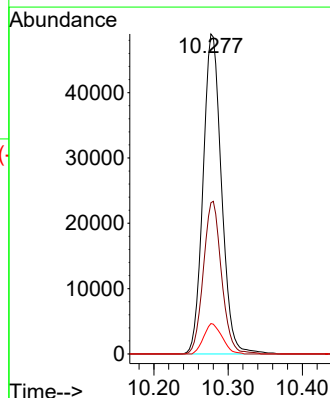
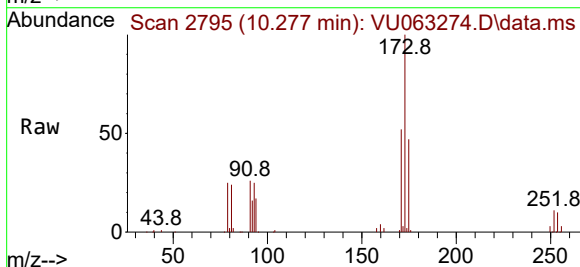
Tgt Ion:173 Resp: 84298

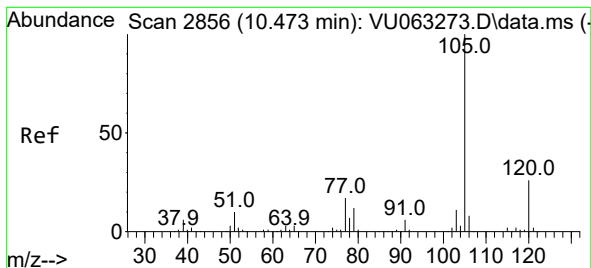
Ion Ratio Lower Upper

173 100

175 47.1 39.4 59.0

254 9.5 7.2 10.8





#60

Isopropylbenzene

Concen: 11.42 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD010009

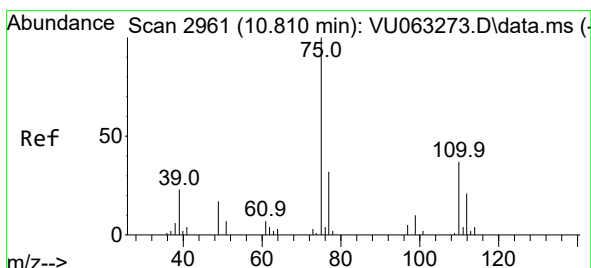
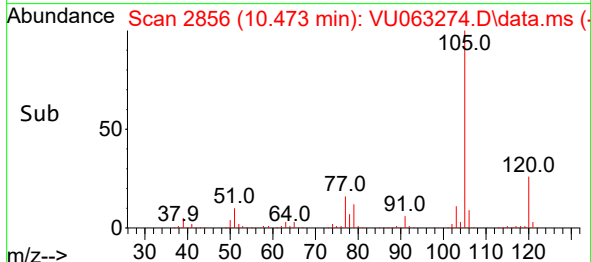
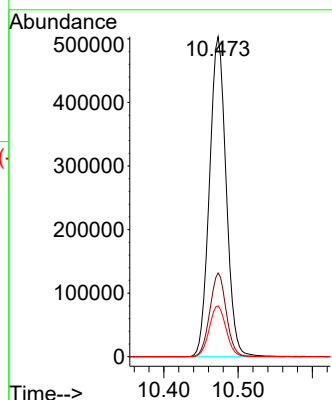
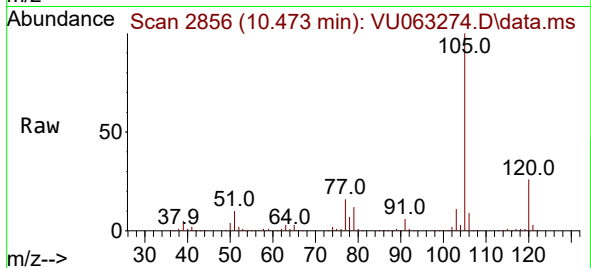
Tgt Ion:105 Resp: 783051

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.1 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 9.51 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

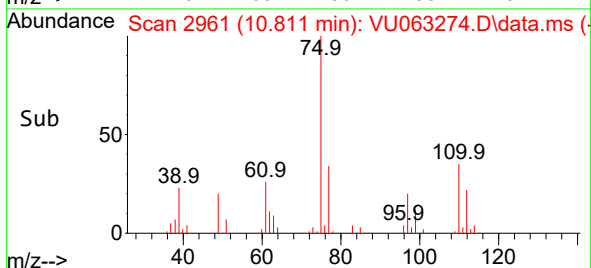
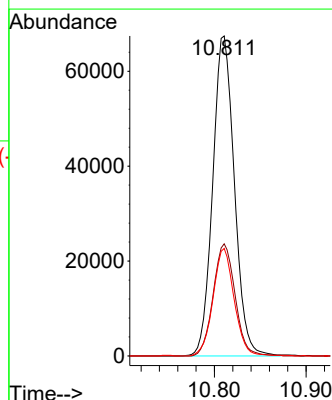
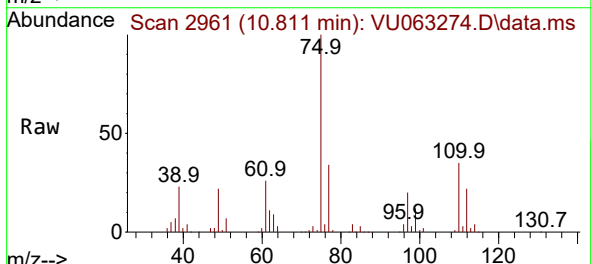
Tgt Ion: 75 Resp: 110727

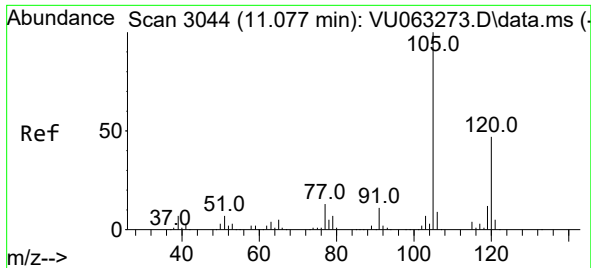
Ion Ratio Lower Upper

75 100

110 35.5 29.3 43.9

77 32.8 25.8 38.8

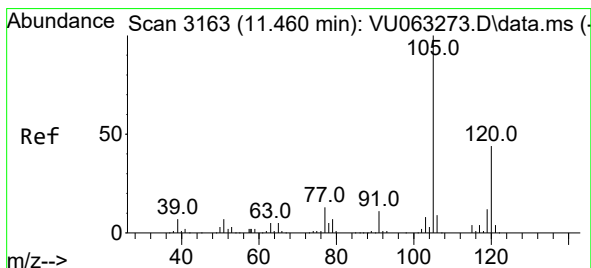
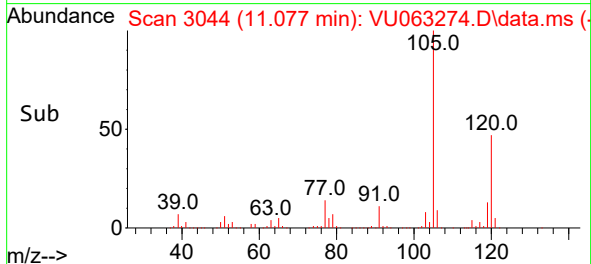
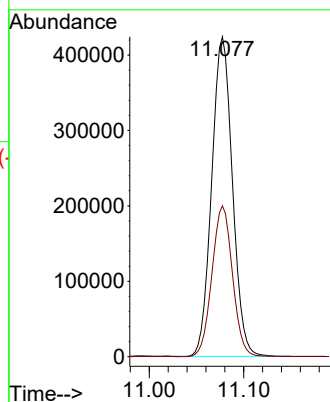
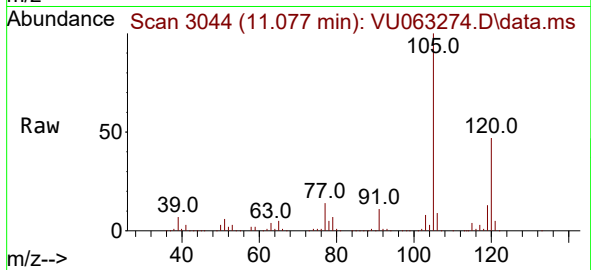




#62
 1,3,5-Trimethylbenzene
 Concen: 11.96 ug/L
 RT: 11.077 min Scan# 3044
 Delta R.T. 0.000 min
 Lab File: VU063274.D
 Acq: 21 Feb 2025 14:27

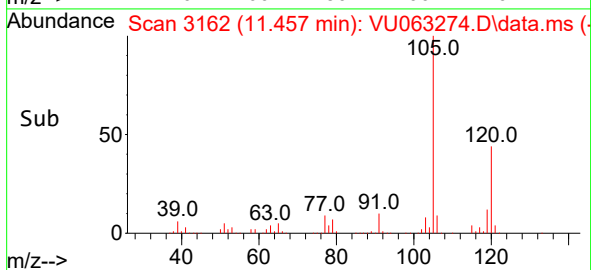
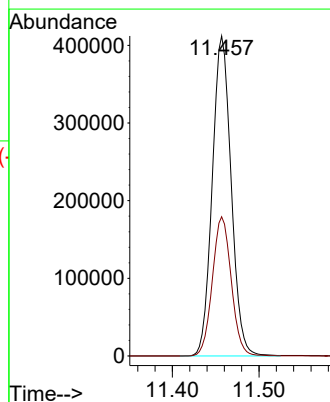
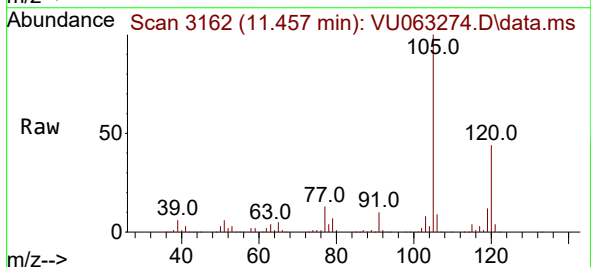
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010009

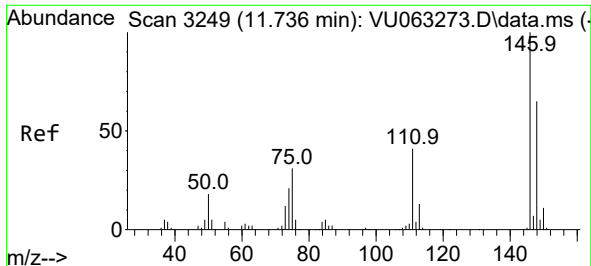
Tgt Ion:105 Resp: 645572
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 12.17 ug/L
 RT: 11.457 min Scan# 3162
 Delta R.T. -0.003 min
 Lab File: VU063274.D
 Acq: 21 Feb 2025 14:27

Tgt Ion:105 Resp: 624670
 Ion Ratio Lower Upper
 105 100
 120 43.6 35.1 52.7

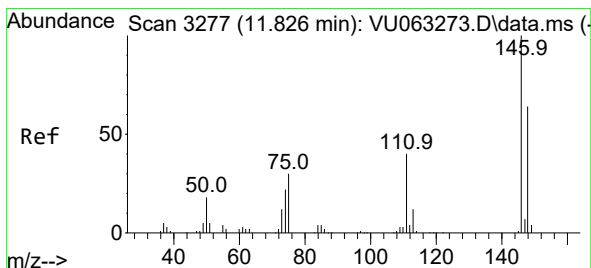
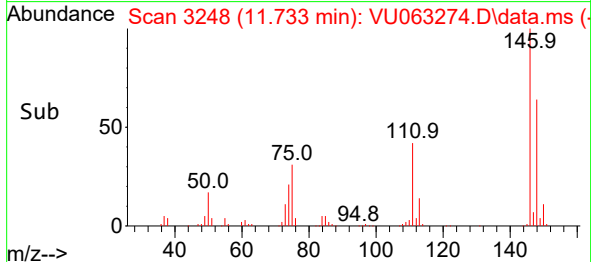
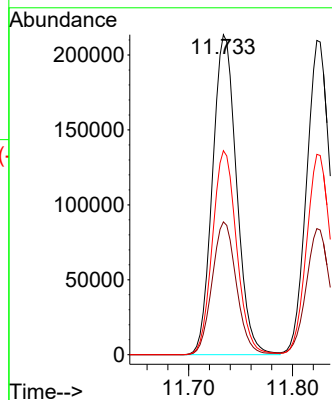
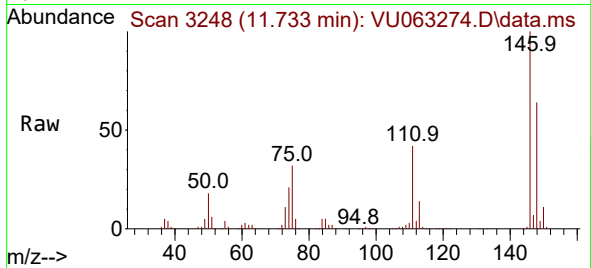




#64
1,3-Dichlorobenzene
Concen: 11.00 ug/L
RT: 11.733 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

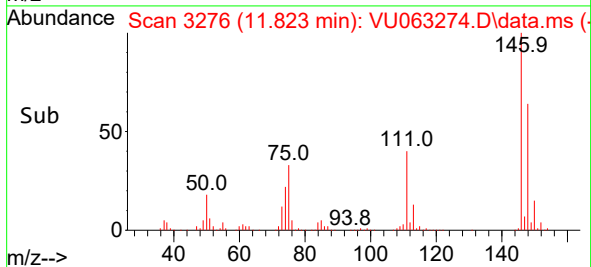
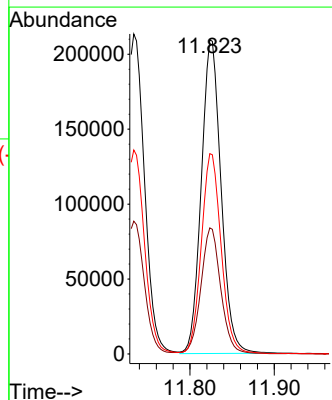
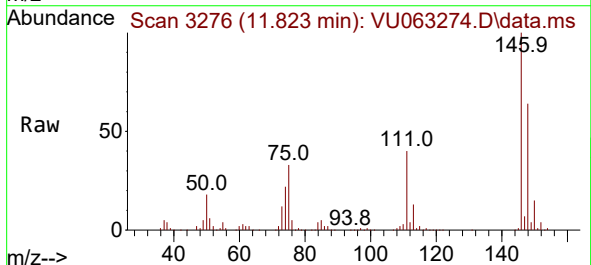
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

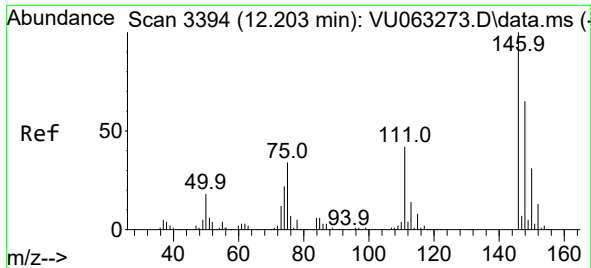
Tgt Ion:146 Resp: 343996
Ion Ratio Lower Upper
146 100
111 41.5 28.5 52.9
148 63.8 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 10.92 ug/L
RT: 11.823 min Scan# 3276
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion:146 Resp: 342387
Ion Ratio Lower Upper
146 100
111 40.1 28.3 52.5
148 63.7 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 11.03 ug/L

RT: 12.200 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD010009

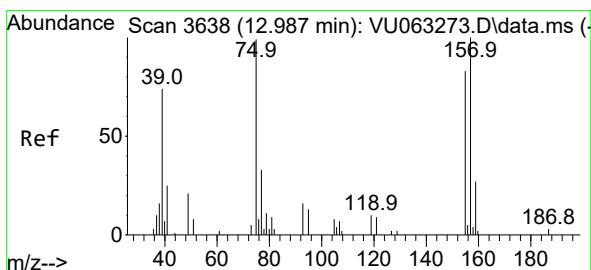
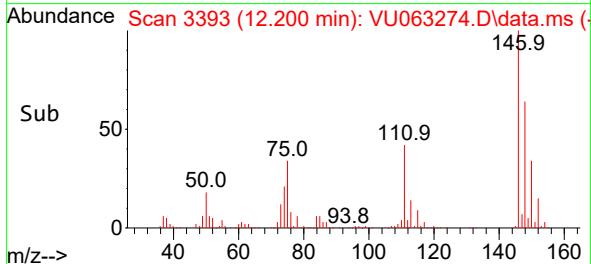
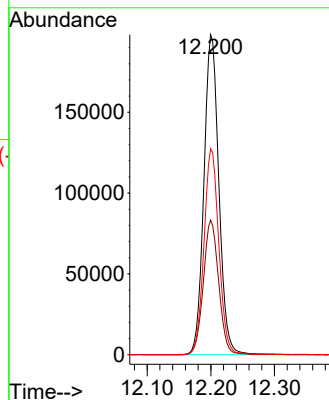
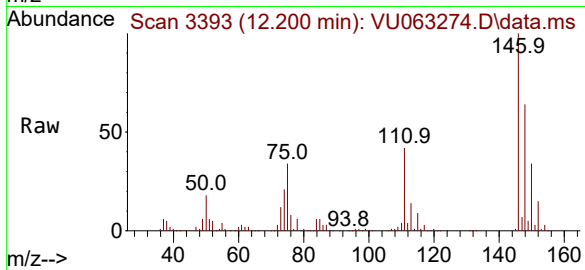
Tgt Ion:146 Resp: 322767

Ion Ratio Lower Upper

146 100

111 42.1 33.9 50.9

148 64.3 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 9.96 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063274.D

Acq: 21 Feb 2025 14:27

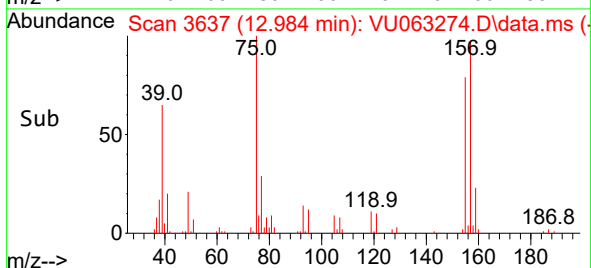
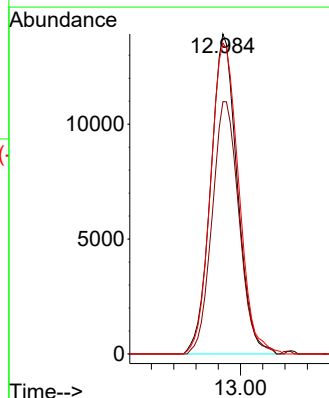
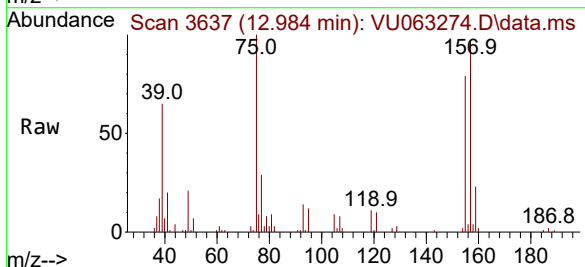
Tgt Ion: 75 Resp: 23018

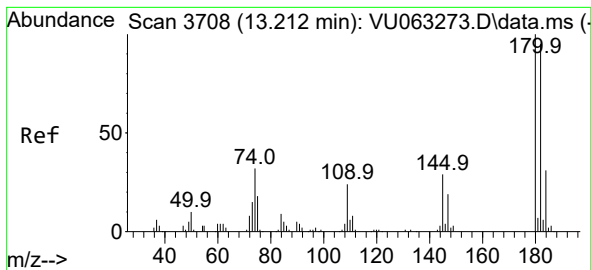
Ion Ratio Lower Upper

75 100

155 78.8 67.0 100.6

157 97.1 80.9 121.3

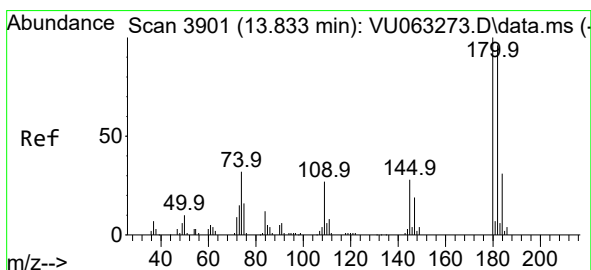
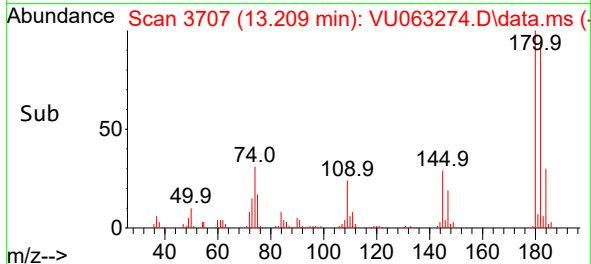
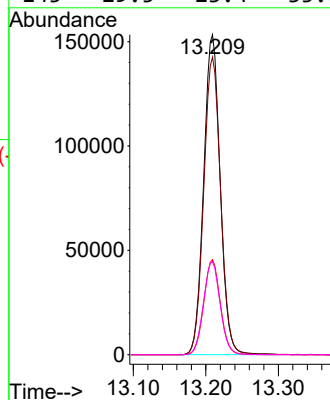
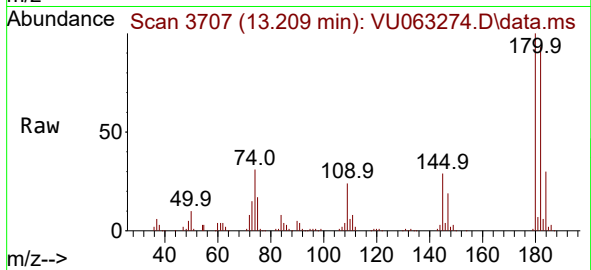




#69
1,3,5-Trichlorobenzene
Concen: 11.45 ug/L
RT: 13.209 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

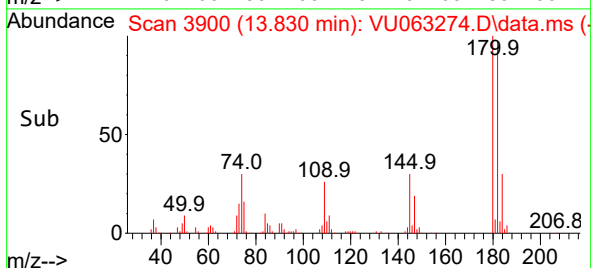
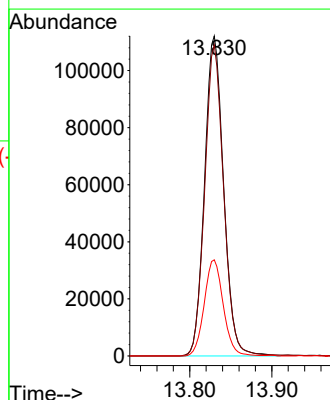
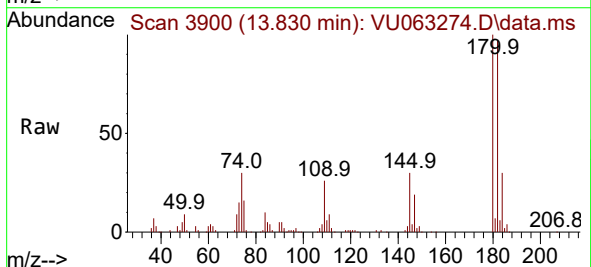
Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

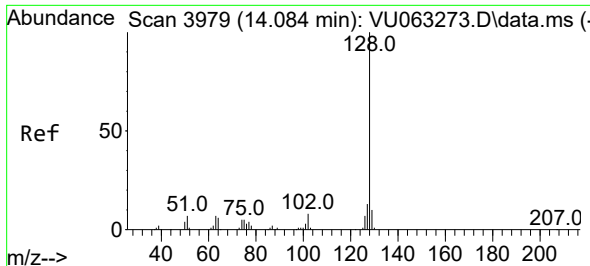
Tgt Ion:180 Resp: 242584
Ion Ratio Lower Upper
180 100
182 95.1 77.6 116.4
184 29.7 24.7 37.1
145 29.5 23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 11.04 ug/L
RT: 13.830 min Scan# 3900
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion:180 Resp: 180968
Ion Ratio Lower Upper
180 100
182 96.4 75.8 113.8
145 30.0 23.8 35.8

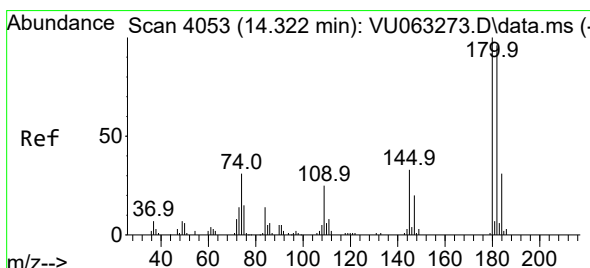
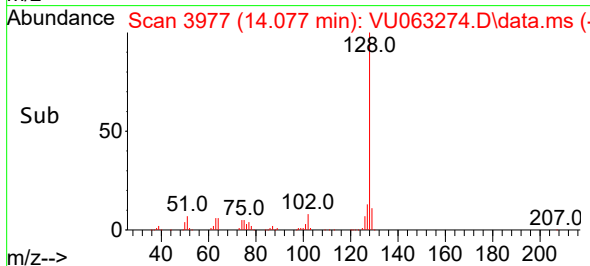
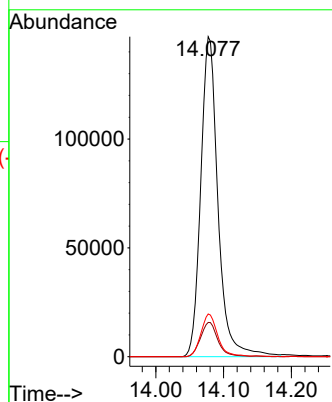
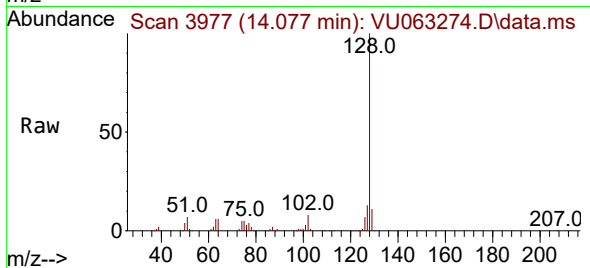




#71
Naphthalene
Concen: 9.89 ug/L
RT: 14.077 min Scan# 3979
Delta R.T. -0.006 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD010009

Tgt Ion:128 Resp: 260072
Ion Ratio Lower Upper
128 100
129 10.8 8.1 12.1
127 13.1 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 10.82 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063274.D
Acq: 21 Feb 2025 14:27

Tgt Ion:180 Resp: 157505
Ion Ratio Lower Upper
180 100
182 95.6 76.7 115.1
145 31.6 25.5 38.3

