

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
 Data File : VU055749.D
 Acq On : 11 Oct 2023 15:46
 Operator : MD/SY
 Sample : 04792-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 12 01:57:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 12 01:53:31 2023
 Response via : Initial Calibration

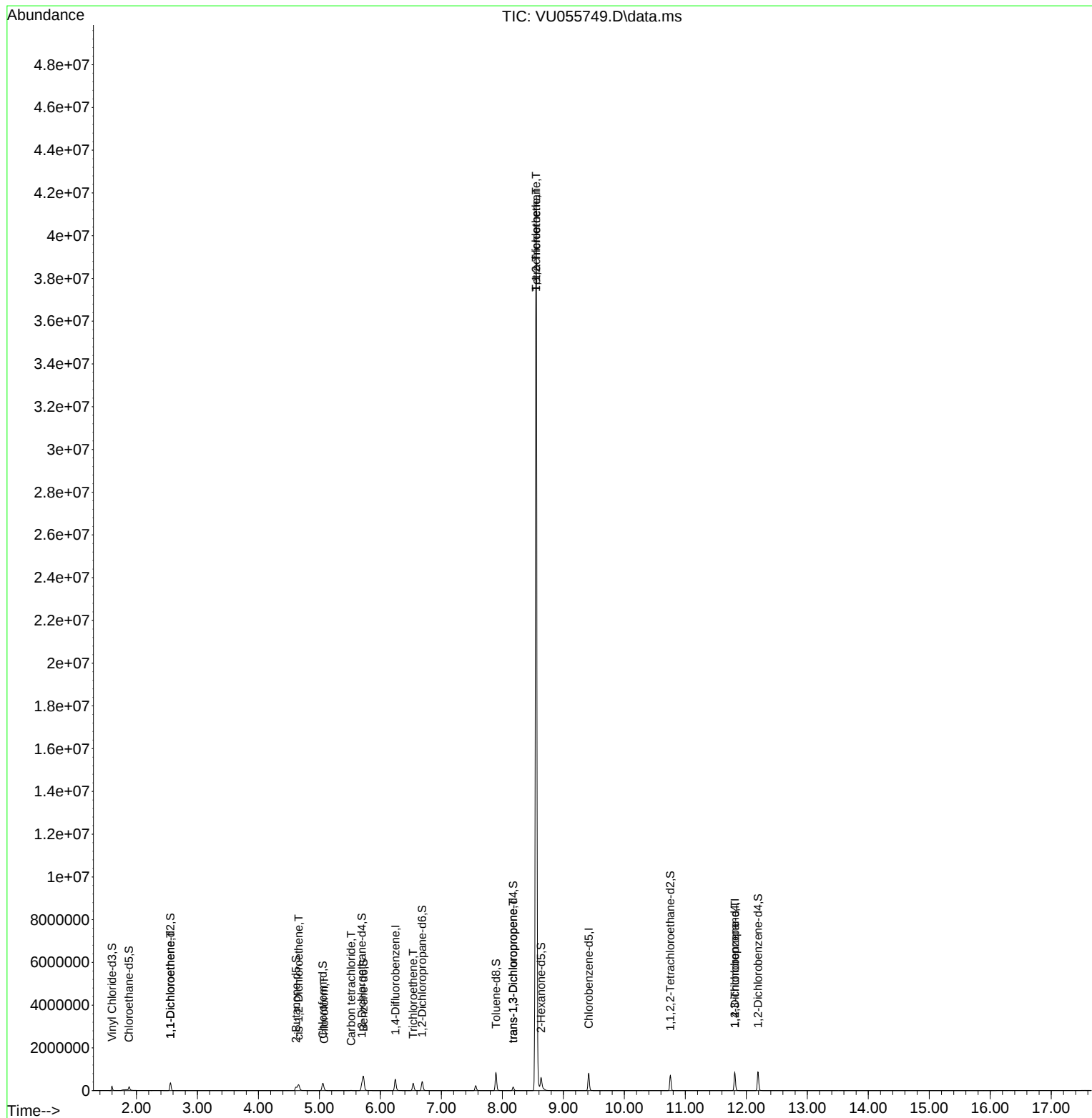
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	424326	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	439563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	215969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	153443	40.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.640%
7) Chloroethane-d5	1.879	69	129070	41.486	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.980%
11) 1,1-Dichloroethene-d2	2.557	63	218856	32.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.500%
21) 2-Butanone-d5	4.615	46	259042	91.852	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.850%
24) Chloroform-d	5.055	84	320226	43.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.780%
26) 1,2-Dichloroethane-d4	5.695	65	214832	47.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.660%
32) Benzene-d6	5.721	84	635861	45.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
36) 1,2-Dichloropropane-d6	6.685	67	200518	45.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.080%
41) Toluene-d8	7.894	98	553990	43.623	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.240%
43) trans-1,3-Dichloroprop...	8.177	79	94613	44.237	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.480%
47) 2-Hexanone-d5	8.634	63	196384	112.197	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	355176	51.825	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.660%
66) 1,2-Dichlorobenzene-d4	12.190	152	221387	51.656	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.320%
Target Compounds						
12) 1,1-Dichloroethene	2.557	96	1936	0.644	ug/L #	1
20) cis-1,2-Dichloroethene	4.660	96	131882	37.565	ug/L	96
25) Chloroform	5.078	83	6307	0.957	ug/L	88
31) Carbon tetrachloride	5.518	117	7799	1.569	ug/L	96
34) Trichloroethene	6.538	95	116197	30.563	ug/L	99
44) trans-1,3-Dichloropropene	8.174	75	4471	0.803	ug/L #	57
45) 1,1,2-Trichloroethane	8.554	97	85759	22.731	ug/L #	2
46) Tetrachloroethene	8.554	164	8486640	3117.744	ug/L	96
60) 1,2,3-Trichloropropane	11.811	75	28194	6.015	ug/L #	68

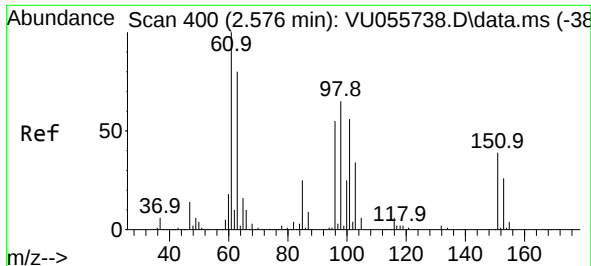
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 12 01:53:31 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.644 ug/L

RT: 2.557 min Scan# 394

Delta R.T. -0.019 min

Lab File: VU055749.D

Acq: 11 Oct 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

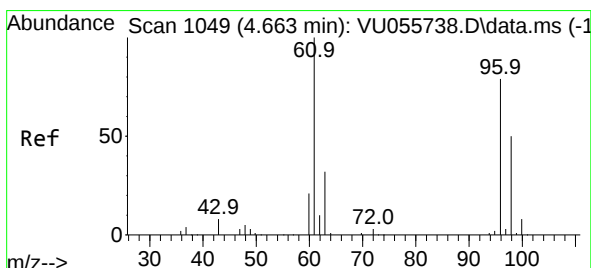
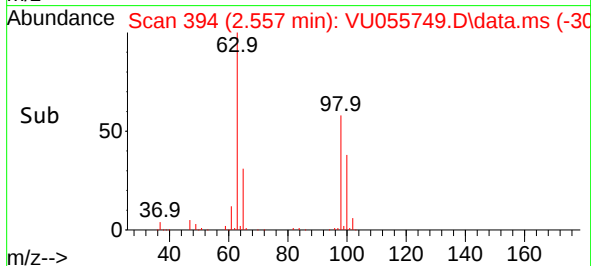
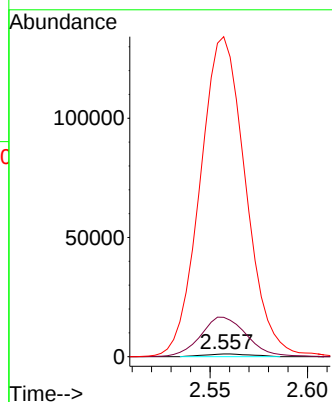
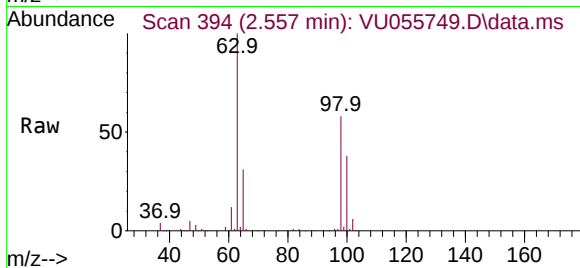
Tgt Ion: 96 Resp: 1936

Ion Ratio Lower Upper

96 100

61 1416.4 122.0 226.6#

63 11490.4 93.7 174.1#



#20

cis-1,2-Dichloroethene

Concen: 37.565 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU055749.D

Acq: 11 Oct 2023 15:46

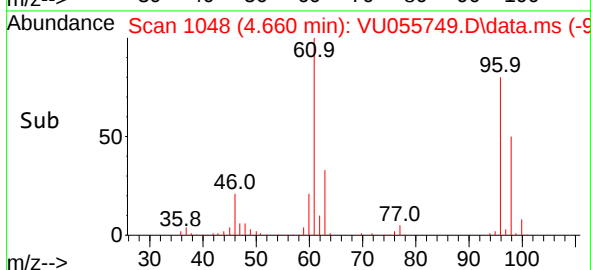
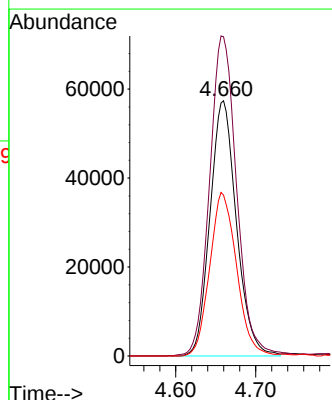
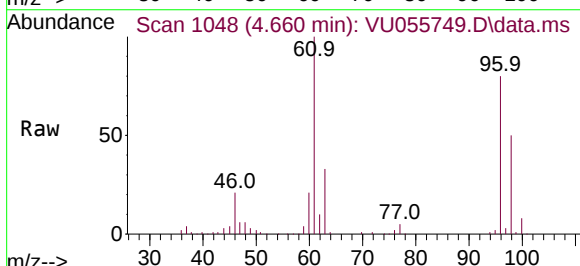
Tgt Ion: 96 Resp: 131882

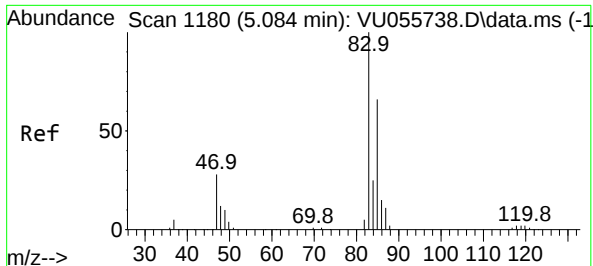
Ion Ratio Lower Upper

96 100

61 125.0 92.3 171.5

98 63.0 43.9 81.5





#25

Chloroform

Concen: 0.957 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VU055749.D

Acq: 11 Oct 2023 15:46

Instrument :

MSVOA_U

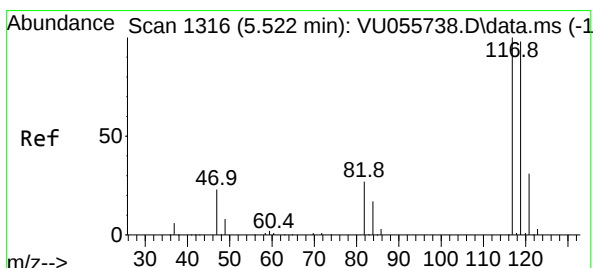
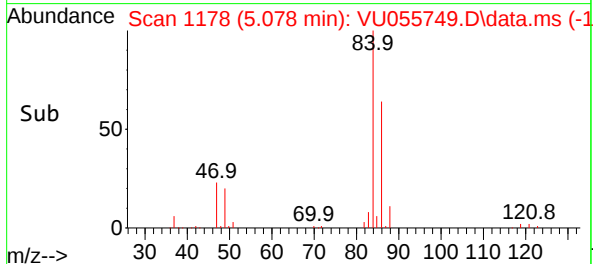
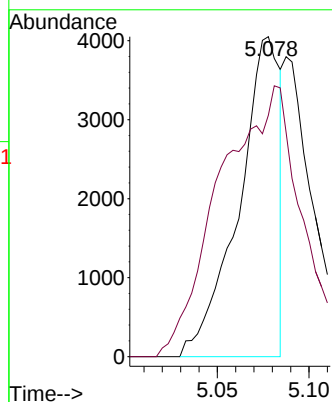
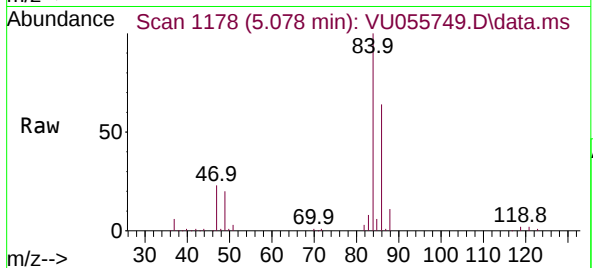
ClientSampleId :

Tgt Ion: 83 Resp: 6307

Ion Ratio Lower Upper

83 100

85 75.5 46.3 86.1



#31

Carbon tetrachloride

Concen: 1.569 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU055749.D

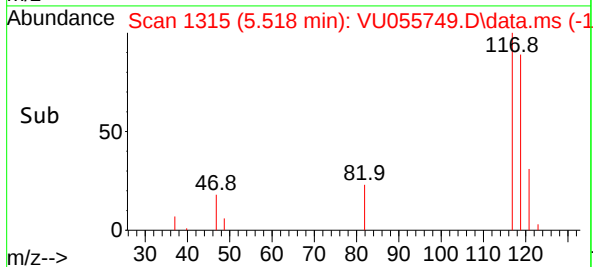
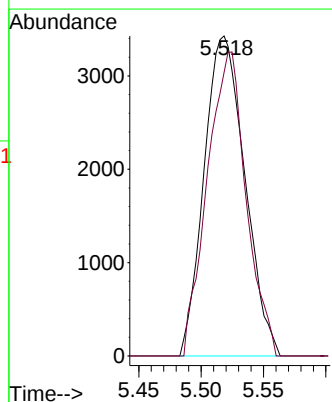
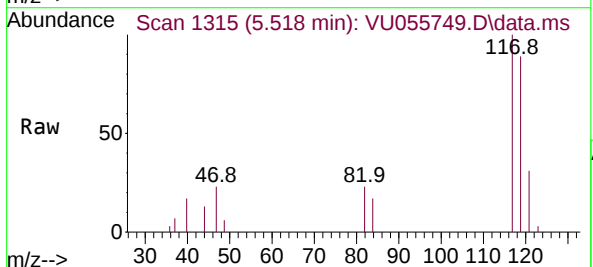
Acq: 11 Oct 2023 15:46

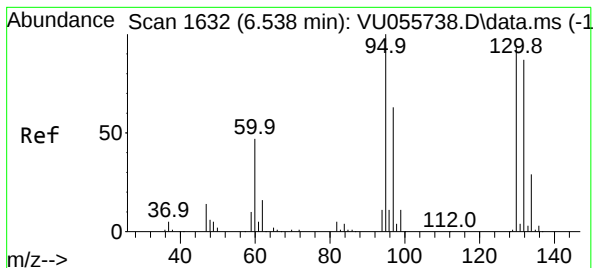
Tgt Ion: 117 Resp: 7799

Ion Ratio Lower Upper

117 100

119 90.5 75.4 113.0





#34

Trichloroethene

Concen: 30.563 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055749.D

Acq: 11 Oct 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 116197

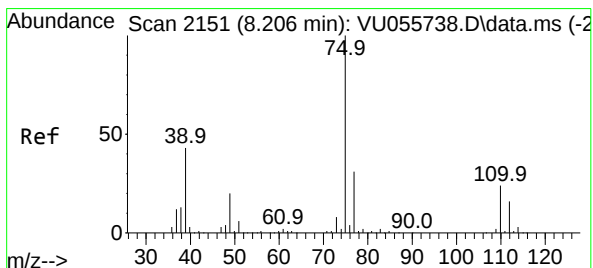
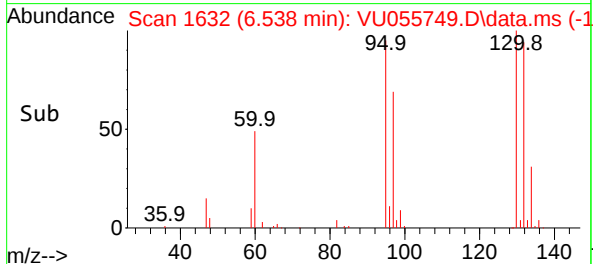
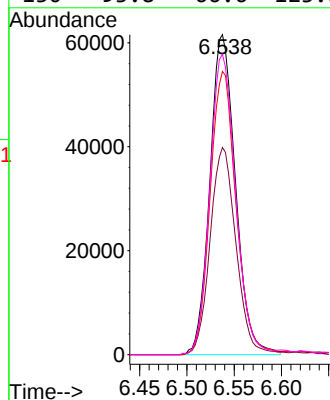
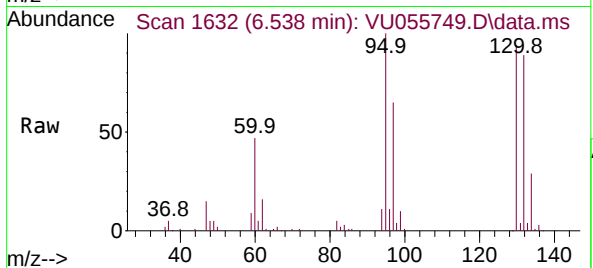
Ion Ratio Lower Upper

95 100

97 64.7 44.4 82.5

132 88.5 61.8 114.8

130 93.8 66.6 123.8



#44

trans-1,3-Dichloropropene

Concen: 0.803 ug/L

RT: 8.174 min Scan# 2141

Delta R.T. -0.032 min

Lab File: VU055749.D

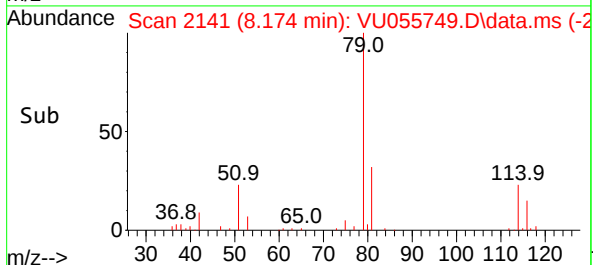
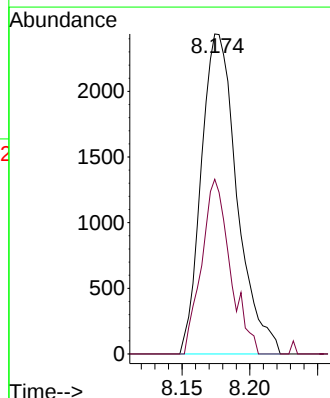
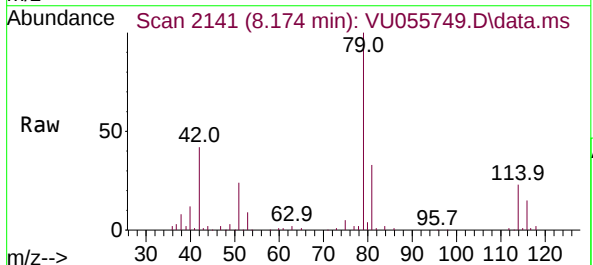
Acq: 11 Oct 2023 15:46

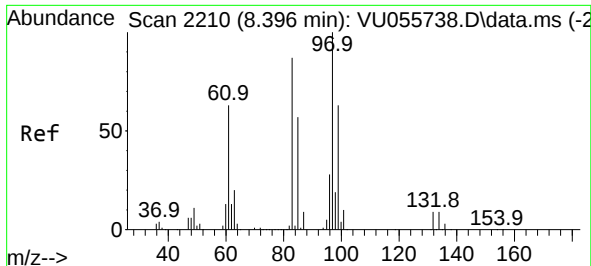
Tgt Ion: 75 Resp: 4471

Ion Ratio Lower Upper

75 100

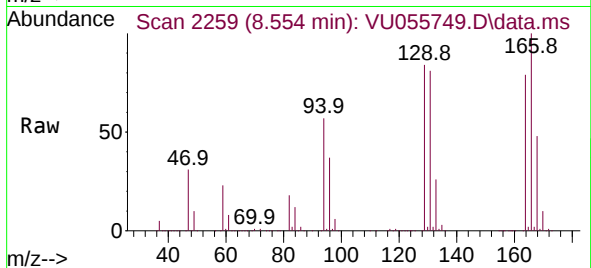
77 54.6 21.6 40.2#



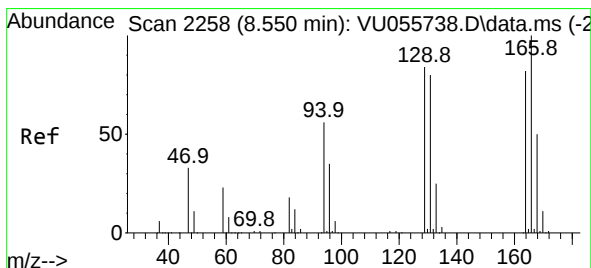
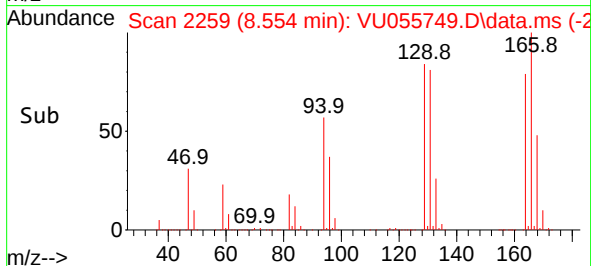
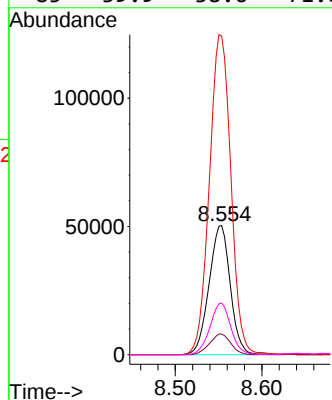


#45
1,1,2-Trichloroethane
Concen: 22.731 ug/L
RT: 8.554 min Scan# 2210
Delta R.T. 0.158 min
Lab File: VU055749.D
Acq: 11 Oct 2023 15:46

Instrument :
MSVOA_U
ClientSampleId :

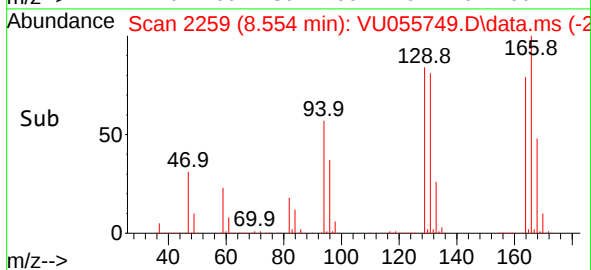
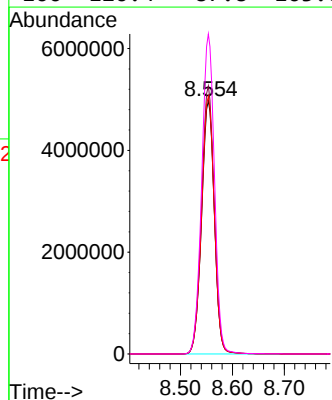
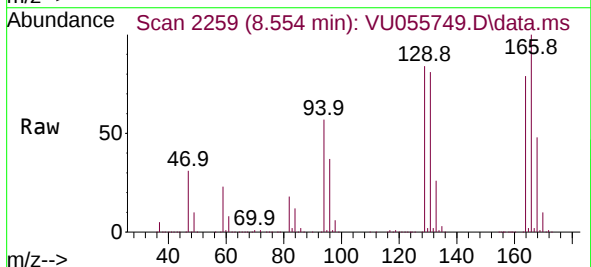


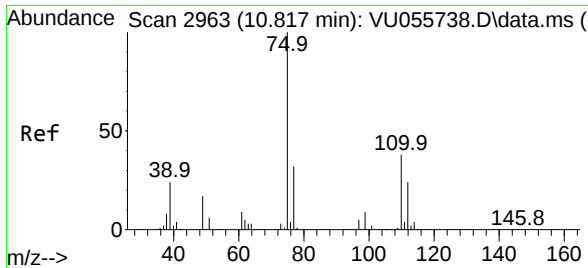
Tgt Ion: 97 Resp: 85759
Ion Ratio Lower Upper
97 100
99 16.1 44.4 82.5#
83 246.9 60.4 112.2#
85 39.9 38.6 71.8



#46
Tetrachloroethene
Concen: 3117.744 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055749.D
Acq: 11 Oct 2023 15:46

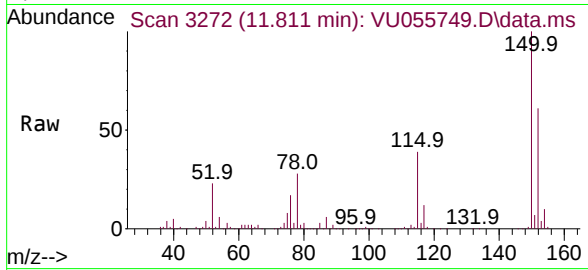
Tgt Ion:164 Resp: 8486640
Ion Ratio Lower Upper
164 100
129 105.8 70.7 131.3
131 101.8 65.9 122.5
166 126.4 87.8 163.0





#60
1,2,3-Trichloropropane
Concen: 6.015 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU055749.D
Acq: 11 Oct 2023 15:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	28194
Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.8	38.8
110	0.3	28.5	42.7#

