

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055731.D
 Acq On : 10 Oct 2023 19:13
 Operator : MD/SY
 Sample : 04707-09ME
 Misc : 6.76g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:56:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 05:51:51 2023
 Response via : Initial Calibration

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

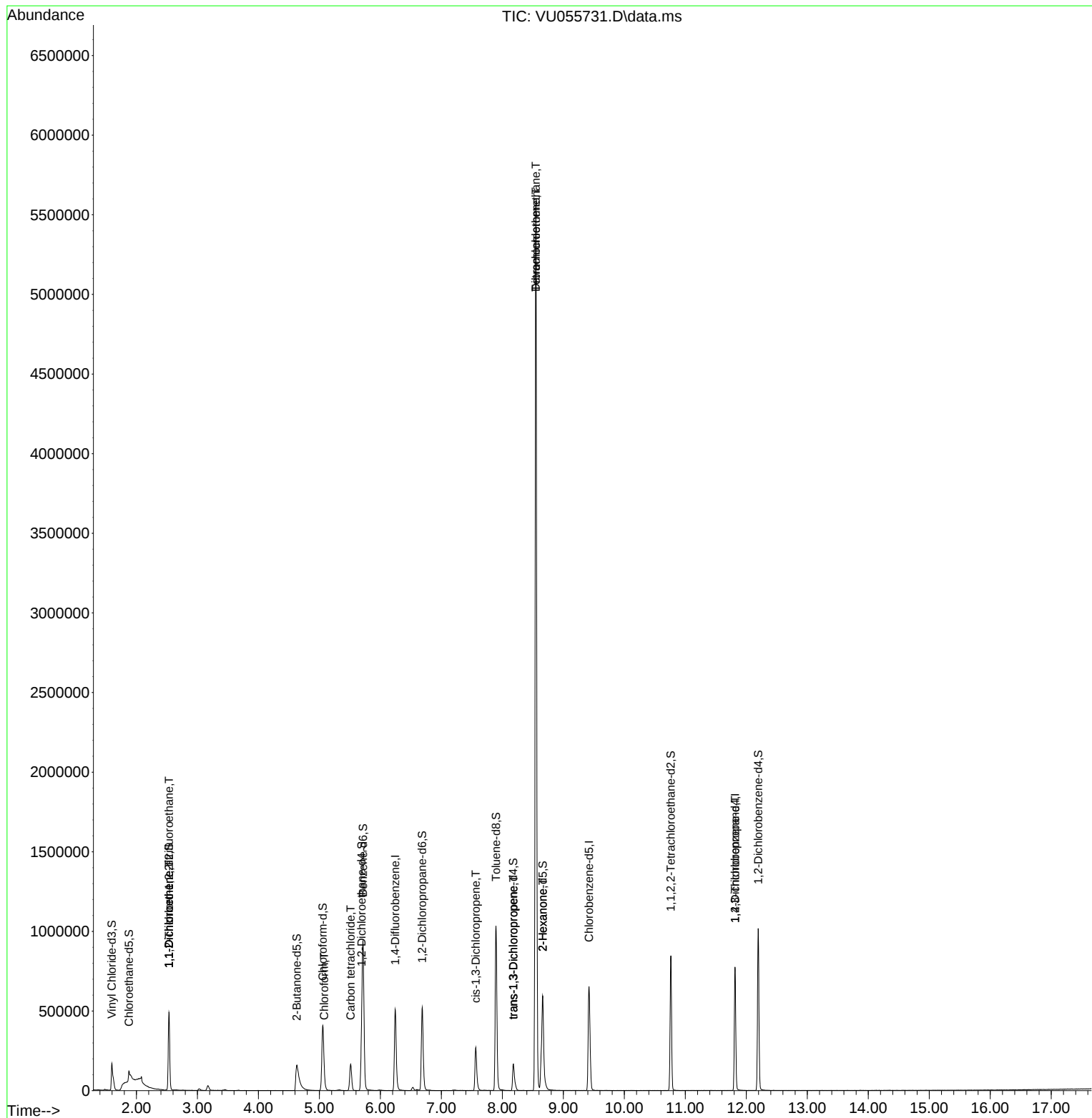
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	450169	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	454735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	198381	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	210160	52.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.100%
7) Chloroethane-d5	1.875	69	49212	14.910	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.820%#
11) 1,1-Dichloroethene-d2	2.531	63	296018	41.115	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.240%
21) 2-Butanone-d5	4.628	46	361818	120.930	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.930%
24) Chloroform-d	5.055	84	415602	53.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.380%
26) 1,2-Dichloroethane-d4	5.692	65	283682	59.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.080%
32) Benzene-d6	5.714	84	834841	57.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.760%
36) 1,2-Dichloropropane-d6	6.685	67	266704	57.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.800%
41) Toluene-d8	7.894	98	759886	57.840	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.680%
43) trans-1,3-Dichloroprop...	8.177	79	125401	56.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.360%
47) 2-Hexanone-d5	8.660	63	265935	146.864	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	146.860%#
56) 1,1,2,2-Tetrachloroeth...	10.762	84	420626	59.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.660%
66) 1,2-Dichlorobenzene-d4	12.193	152	255596	64.925	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.860%#
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.531	101	2783	0.776	ug/L #	20
12) 1,1-Dichloroethene	2.531	96	2644	0.828	ug/L #	1
25) Chloroform	5.078	83	4642	0.664	ug/L #	65
31) Carbon tetrachloride	5.512	117	113769	22.124	ug/L	99
39) cis-1,3-Dichloropropene	7.563	75	8069	1.340	ug/L #	66
44) trans-1,3-Dichloropropene	8.181	75	6261	1.087	ug/L	94
46) Tetrachloroethene	8.550	164	1185144	420.861	ug/L	97
48) 2-Hexanone	8.660	43	37368	8.034	ug/L #	37
49) Dibromochloromethane	8.547	129	1210285	303.482	ug/L #	11
60) 1,2,3-Trichloropropane	11.814	75	25747	5.980	ug/L #	69

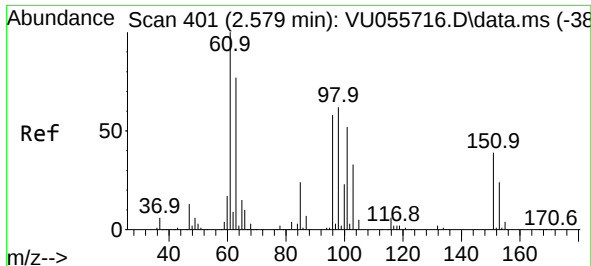
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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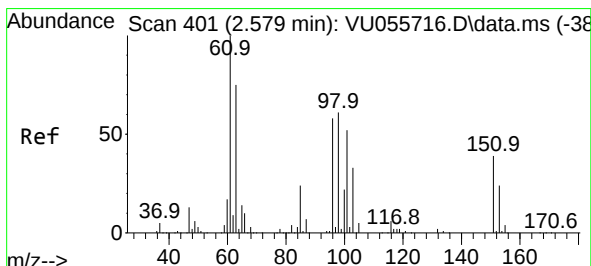
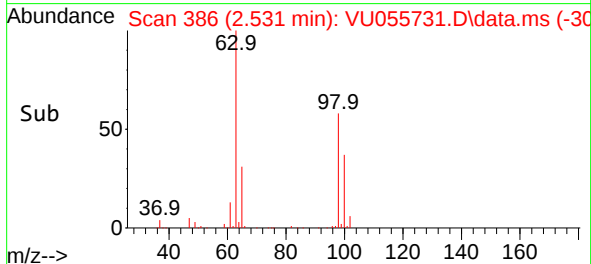
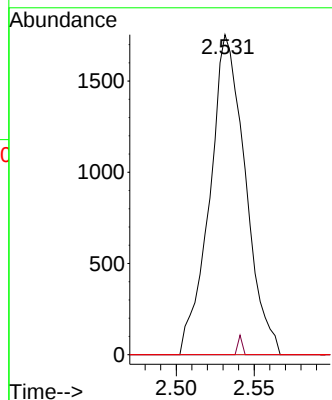
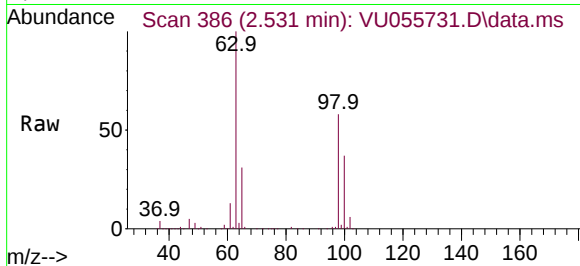




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.776 ug/L
 RT: 2.531 min Scan# 386
 Delta R.T. -0.048 min
 Lab File: VU055731.D
 Acq: 10 Oct 2023 19:13

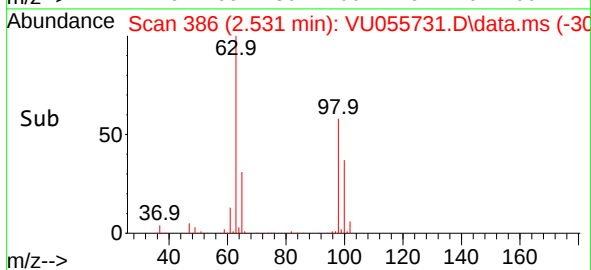
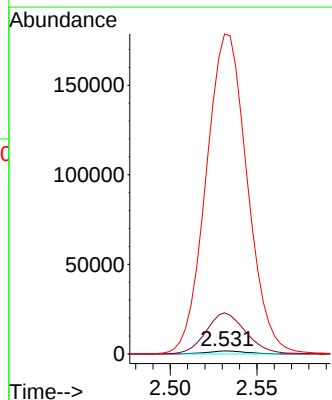
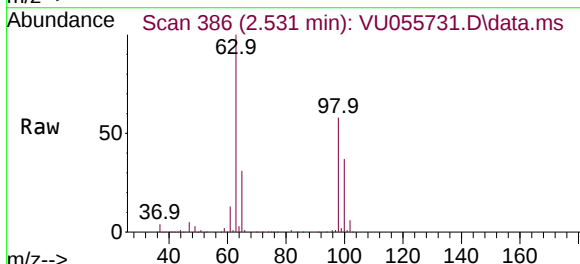
Instrument :
 MSVOA_U
 ClientSampleId :

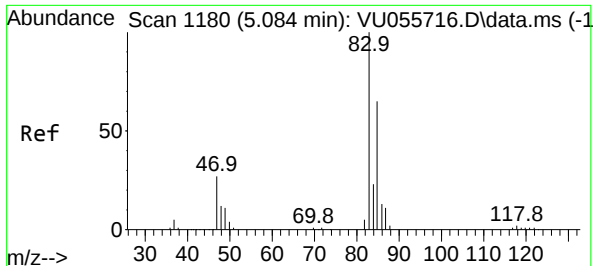
Tgt Ion:101 Resp: 2783
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.1 55.7#
 151 0.0 58.2 87.4#



#12
 1,1-Dichloroethene
 Concen: 0.828 ug/L
 RT: 2.531 min Scan# 386
 Delta R.T. -0.048 min
 Lab File: VU055731.D
 Acq: 10 Oct 2023 19:13

Tgt Ion: 96 Resp: 2644
 Ion Ratio Lower Upper
 96 100
 61 1373.8 122.0 226.6#
 63 10676.9 93.7 174.1#





#25

Chloroform

Concen: 0.664 ug/L

RT: 5.078 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VU055731.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_U

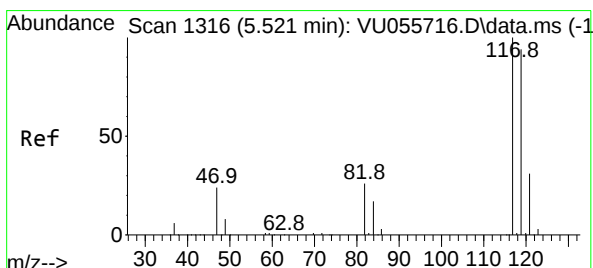
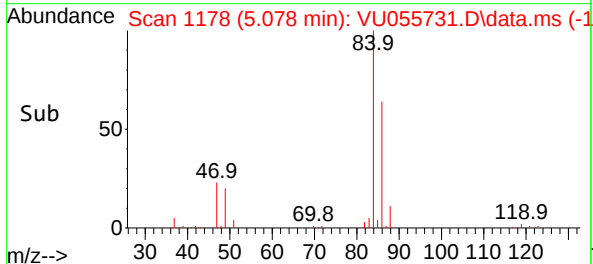
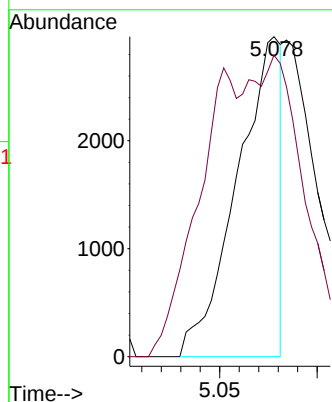
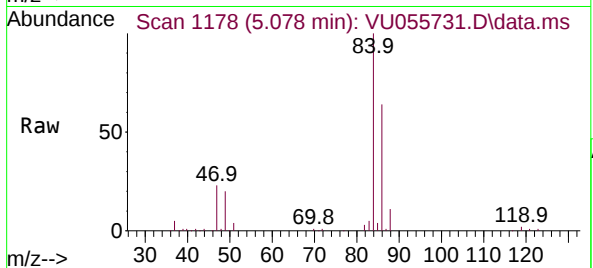
ClientSampleId :

Tgt Ion: 83 Resp: 4642

Ion Ratio Lower Upper

83 100

85 94.2 46.3 86.1#



#31

Carbon tetrachloride

Concen: 22.124 ug/L

RT: 5.512 min Scan# 1313

Delta R.T. -0.009 min

Lab File: VU055731.D

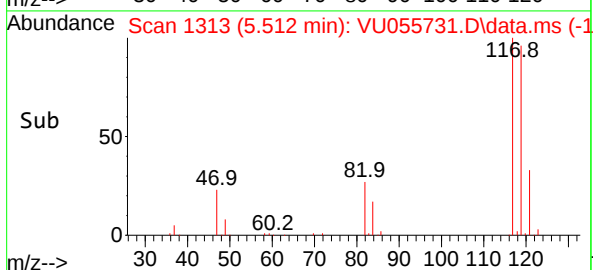
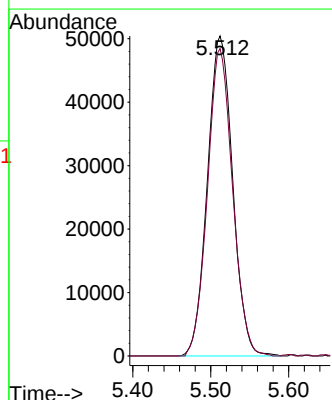
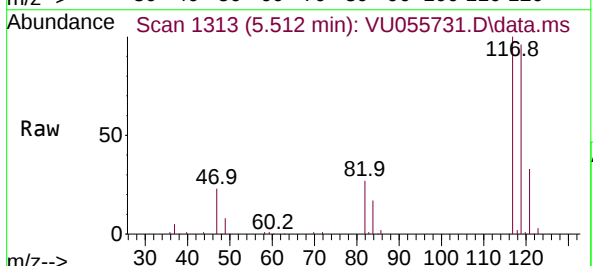
Acq: 10 Oct 2023 19:13

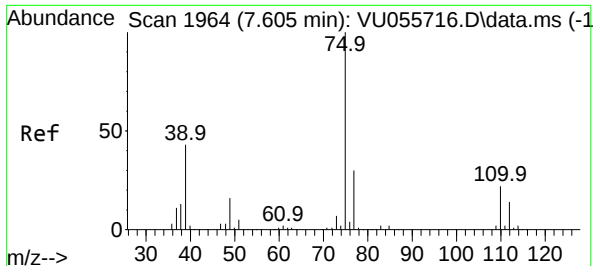
Tgt Ion: 117 Resp: 113769

Ion Ratio Lower Upper

117 100

119 95.4 75.4 113.0





#39

cis-1,3-Dichloropropene

Concen: 1.340 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU055731.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_U

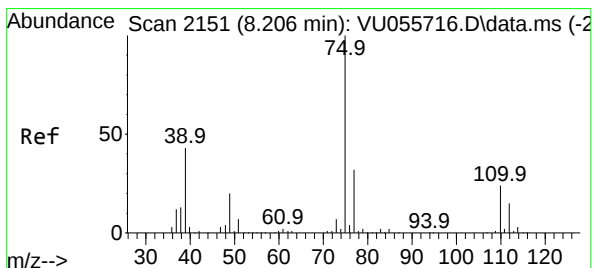
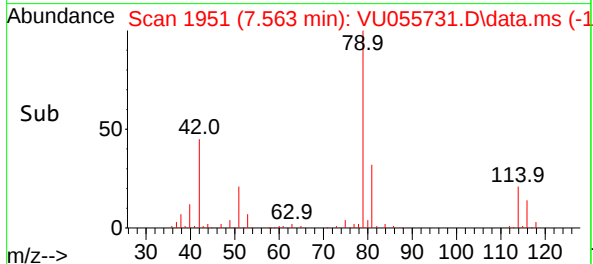
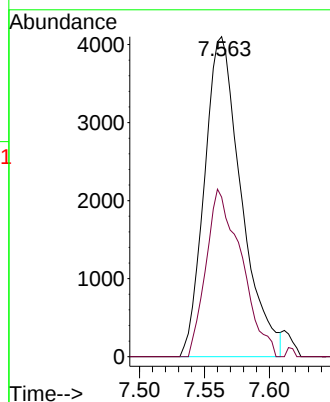
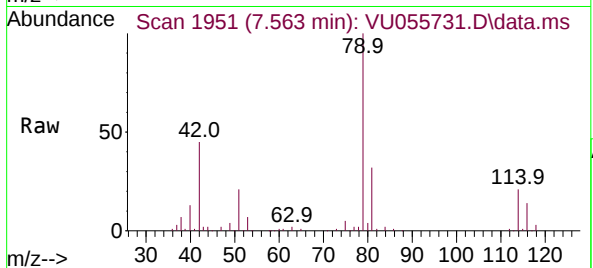
ClientSampleId :

Tgt Ion: 75 Resp: 8069

Ion Ratio Lower Upper

75 100

77 49.9 21.7 40.3#



#44

trans-1,3-Dichloropropene

Concen: 1.087 ug/L

RT: 8.181 min Scan# 2143

Delta R.T. -0.026 min

Lab File: VU055731.D

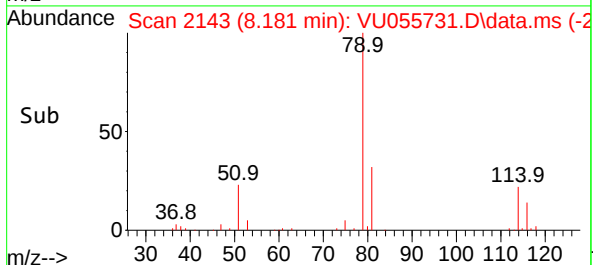
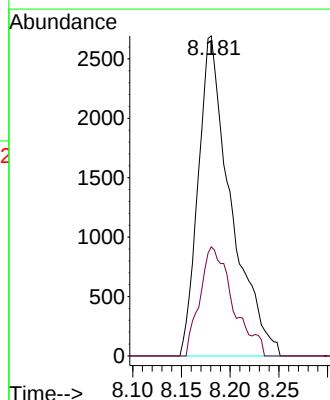
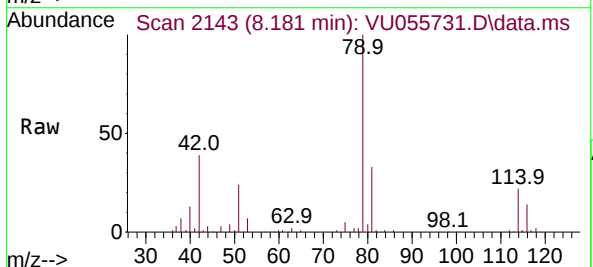
Acq: 10 Oct 2023 19:13

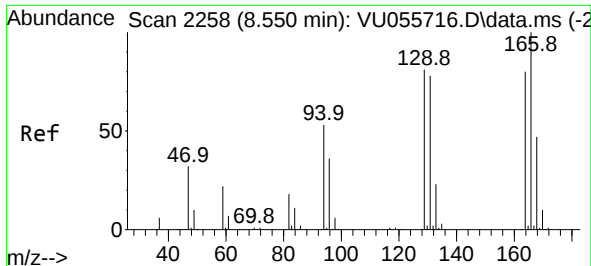
Tgt Ion: 75 Resp: 6261

Ion Ratio Lower Upper

75 100

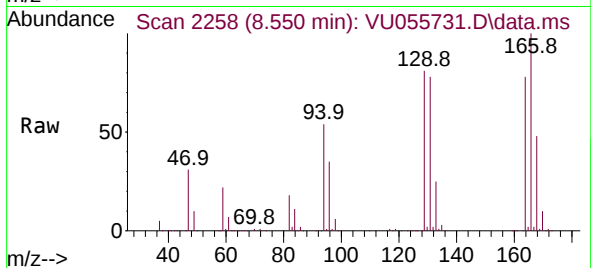
77 34.1 21.6 40.2





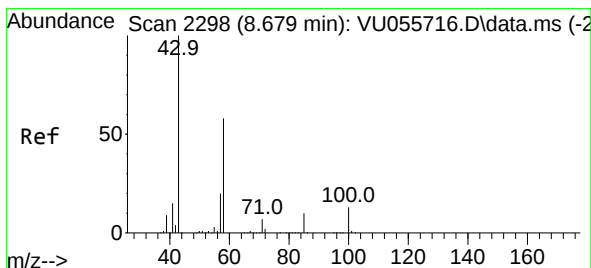
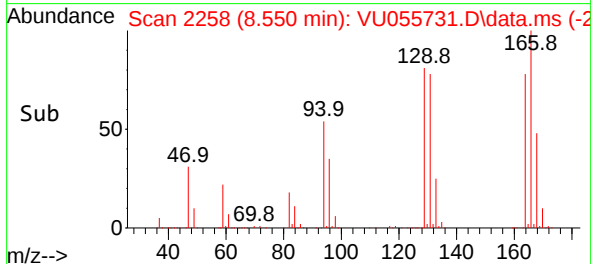
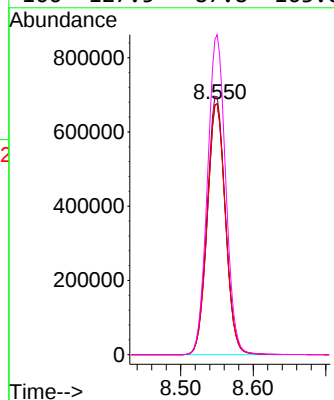
#46
Tetrachloroethene
Concen: 420.861 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055731.D
Acq: 10 Oct 2023 19:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 1185144

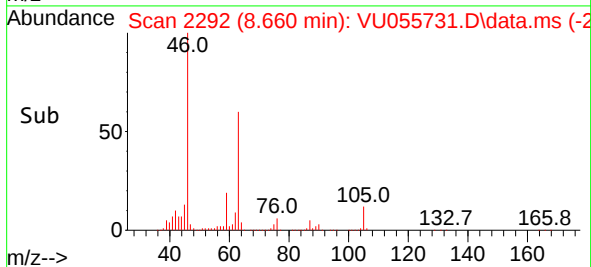
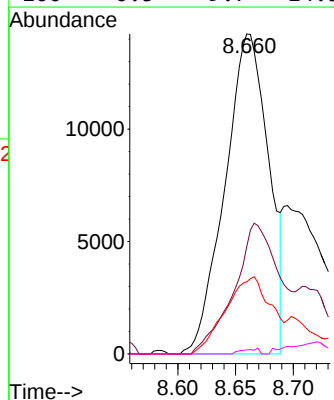
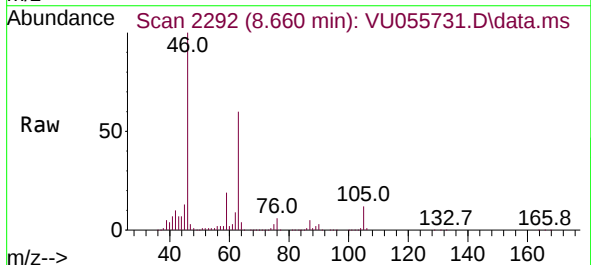
Ion	Ratio	Lower	Upper
164	100		
129	102.8	70.7	131.3
131	99.8	65.9	122.5
166	127.5	87.8	163.0

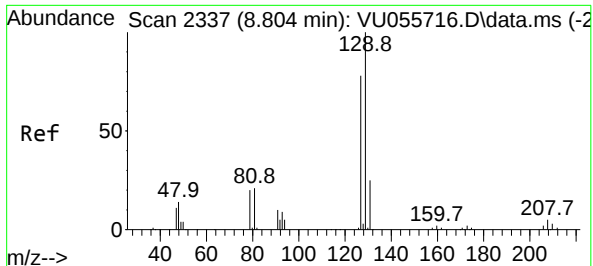


#48
2-Hexanone
Concen: 8.034 ug/L
RT: 8.660 min Scan# 2292
Delta R.T. -0.019 min
Lab File: VU055731.D
Acq: 10 Oct 2023 19:13

Tgt Ion: 43 Resp: 37368

Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.2	67.8#
57	0.0	16.1	24.1#
100	0.5	9.7	14.5#





#49

Dibromochloromethane

Concen: 303.482 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU055731.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_U

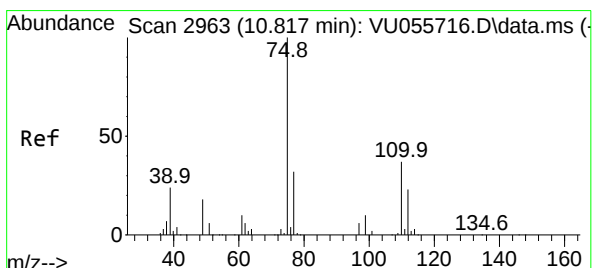
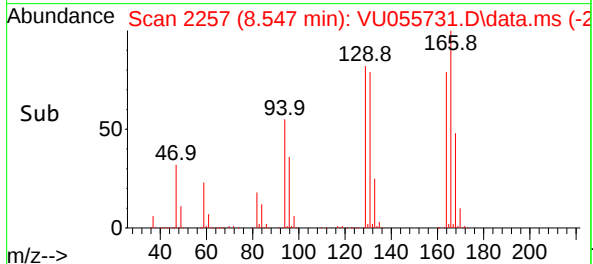
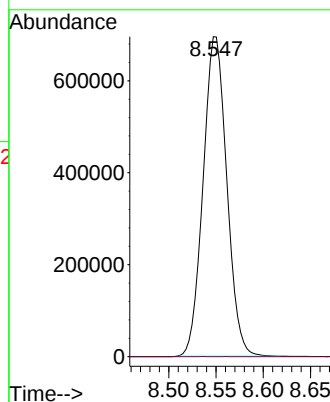
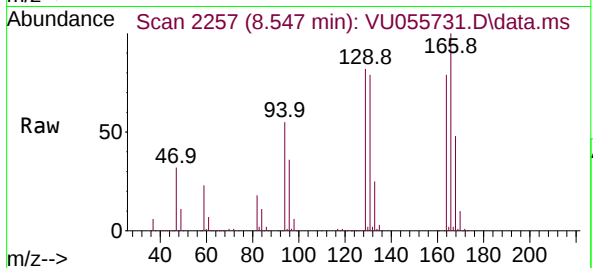
ClientSampleId :

Tgt Ion:129 Resp: 1210285

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



#60

1,2,3-Trichloropropane

Concen: 5.980 ug/L

RT: 11.814 min Scan# 3273

Delta R.T. 0.997 min

Lab File: VU055731.D

Acq: 10 Oct 2023 19:13

Tgt Ion: 75 Resp: 25747

Ion Ratio Lower Upper

75 100

77 35.7 25.8 38.8

110 3.9 28.5 42.7#

