

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048441.D
 Acq On : 05 May 2022 16:46
 Operator : SY/MD
 Sample : N2710-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL89

Quant Time: May 06 05:40:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

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

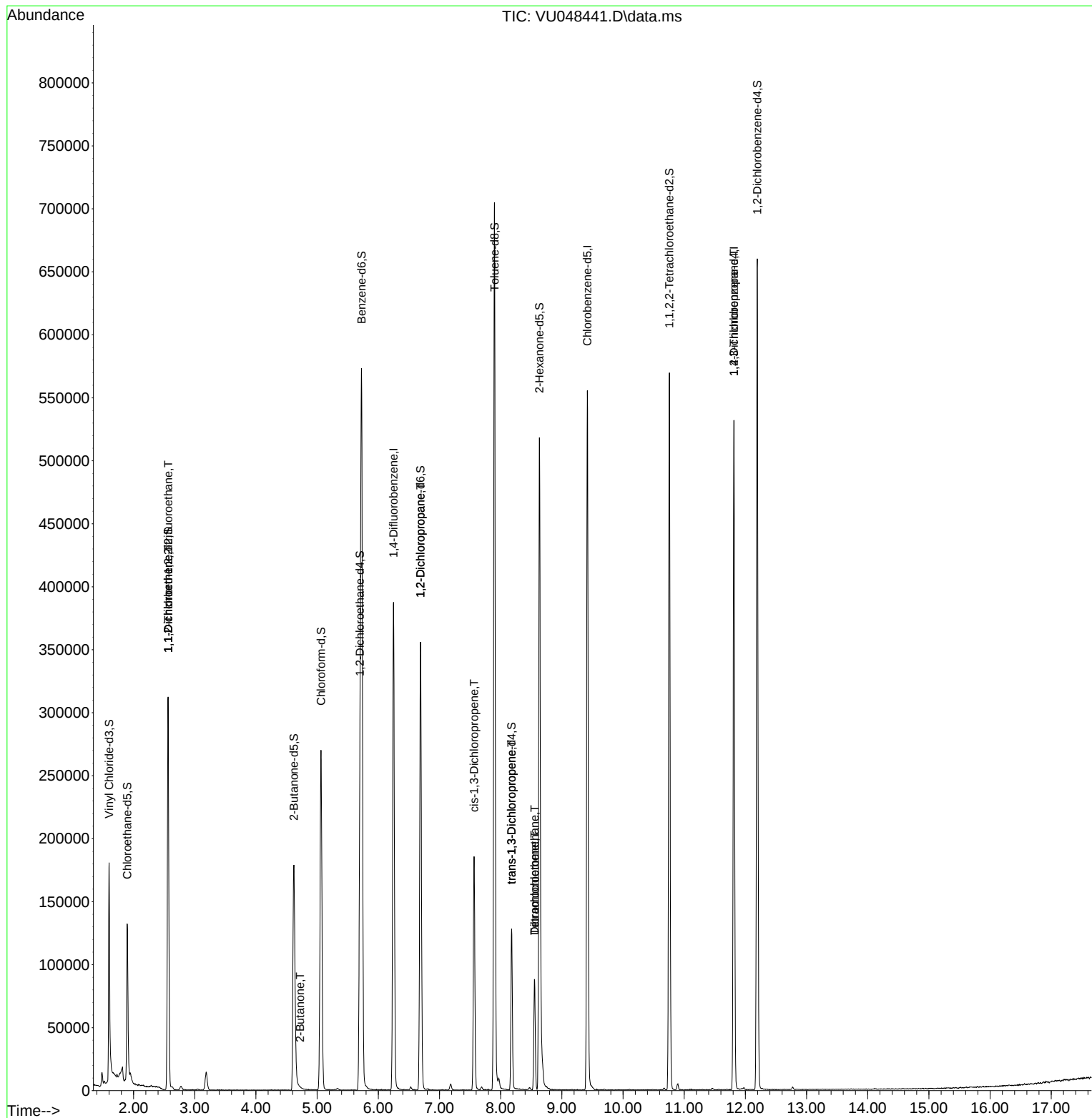
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	344670	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	339708	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	159628	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	139571	44.036	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.080%	
7) Chloroethane-d5	1.896	69	107094	48.137	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	96.280%	
11) 1,1-Dichloroethene-d2	2.565	63	178129	35.076	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.160%	
21) 2-Butanone-d5	4.620	46	256983	95.063	ug/L	-0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	95.060%	
24) Chloroform-d	5.063	84	261499	45.487	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.980%	
26) 1,2-Dichloroethane-d4	5.700	65	159103	46.644	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.280%	
32) Benzene-d6	5.726	84	570025	53.204	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.400%	
36) 1,2-Dichloropropane-d6	6.690	67	184812	52.177	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	104.360%	
41) Toluene-d8	7.899	98	493374	50.803	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.600%	
43) trans-1,3-Dichloroprop...	8.179	79	74831	47.878	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.760%	
47) 2-Hexanone-d5	8.632	63	182397	95.445	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	95.440%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	290578	46.776	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.560%	
66) 1,2-Dichlorobenzene-d4	12.195	152	195480	54.438	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.880%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1800	0.693	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1496	0.660	ug/L #	1
22) 2-Butanone	4.719	43	2639	1.028	ug/L #	70
37) 1,2-Dichloropropane	6.690	63	17509	6.119	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3601	0.895	ug/L #	41
44) trans-1,3-Dichloropropene	8.179	75	2649	0.674	ug/L	87
46) Tetrachloroethene	8.555	164	22336	10.557	ug/L	96
49) Dibromochloromethane	8.555	129	19262	5.838	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	15543	4.174	ug/L #	67

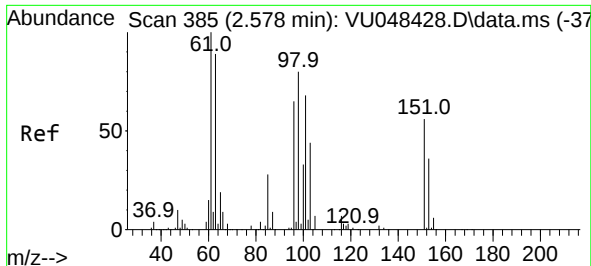
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 06 05:30:23 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.693 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU048441.D

Acq: 05 May 2022 16:46

Instrument :

MSVOA_U

ClientSampleId :

EXL89

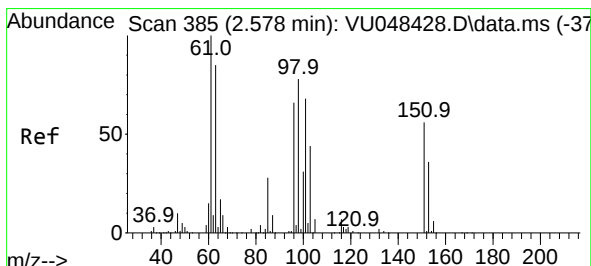
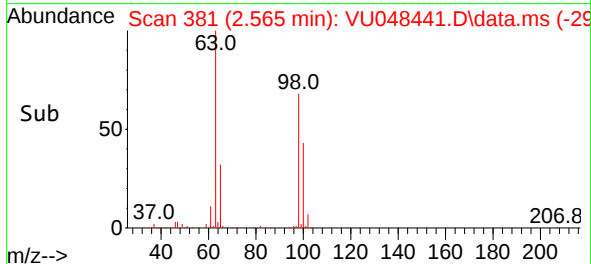
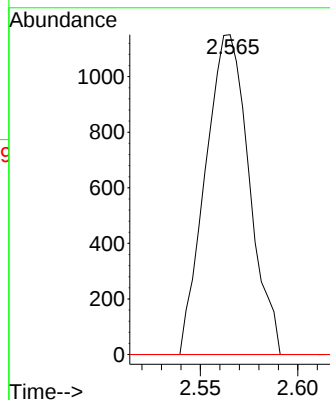
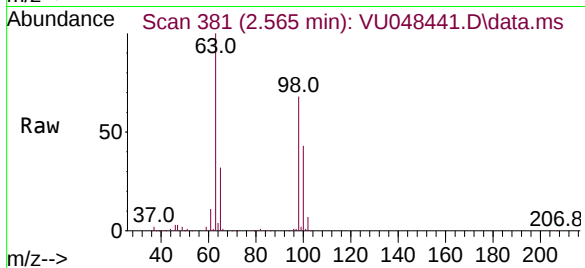
Tgt Ion:101 Resp: 1800

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

151 0.0 64.1 96.1#



#12

1,1-Dichloroethene

Concen: 0.660 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU048441.D

Acq: 05 May 2022 16:46

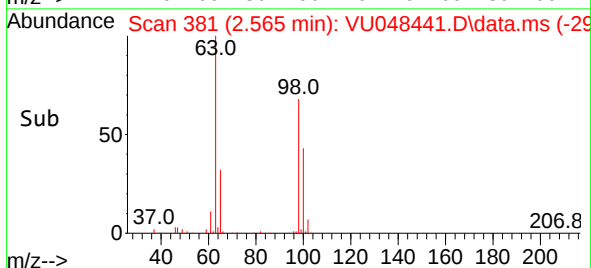
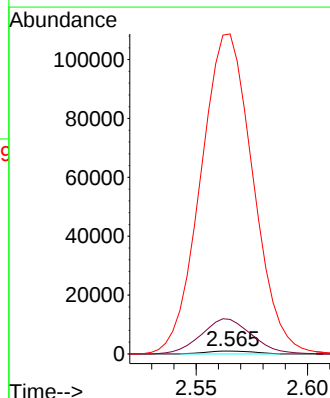
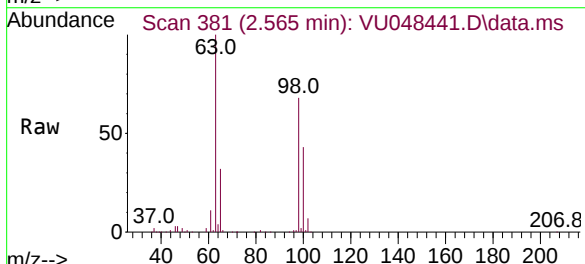
Tgt Ion: 96 Resp: 1496

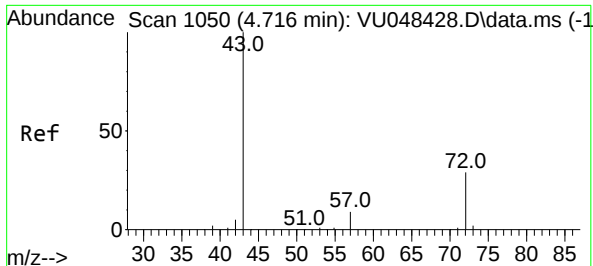
Ion Ratio Lower Upper

96 100

61 1190.2 107.9 200.3#

63 11002.4 80.3 149.1#





#22

2-Butanone

Concen: 1.028 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.003 min

Lab File: VU048441.D

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Instrument :

MSVOA_U

ClientSampleId :

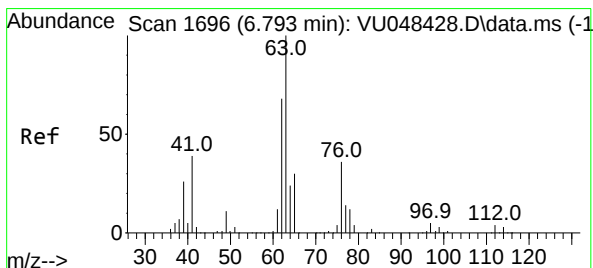
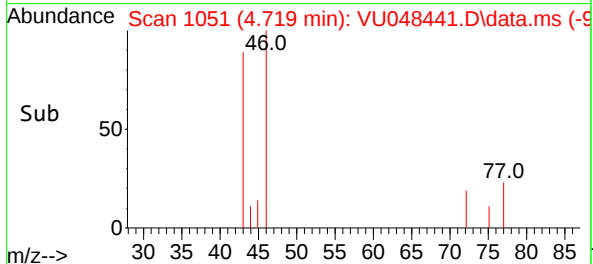
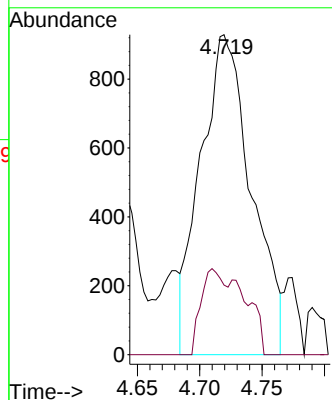
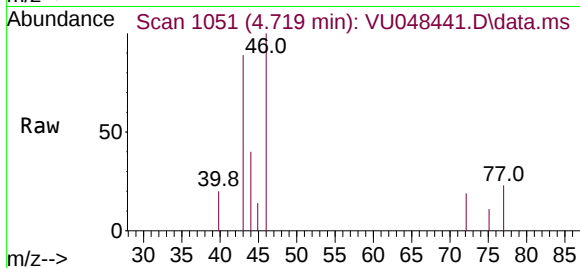
EXL89

Tgt Ion: 43 Resp: 2639

Ion Ratio Lower Upper

43 100

72 13.0 14.6 43.8#



#37

1,2-Dichloropropane

Concen: 6.119 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048441.D

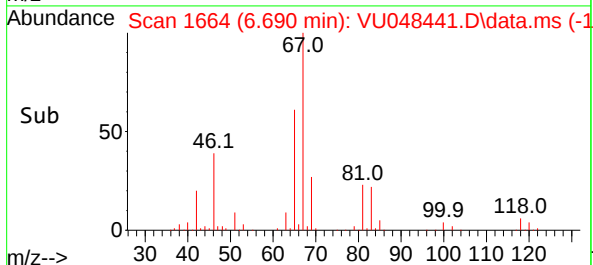
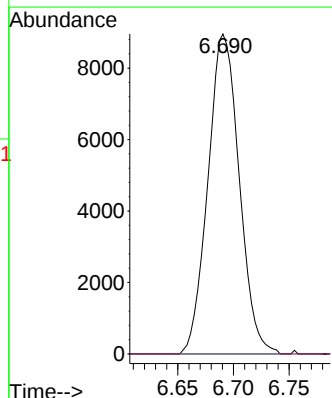
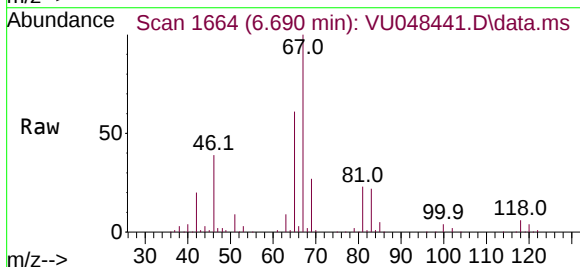
Acq: 05 May 2022 16:46

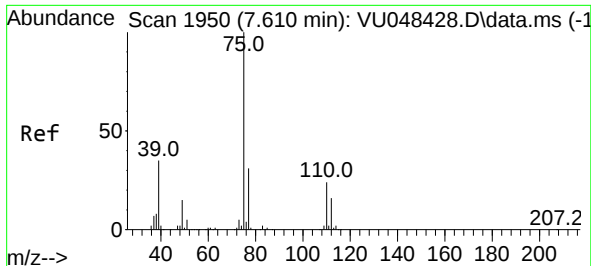
Tgt Ion: 63 Resp: 17509

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.895 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048441.D

Acq: 05 May 2022 16:46

Instrument :

MSVOA_U

ClientSampleId :

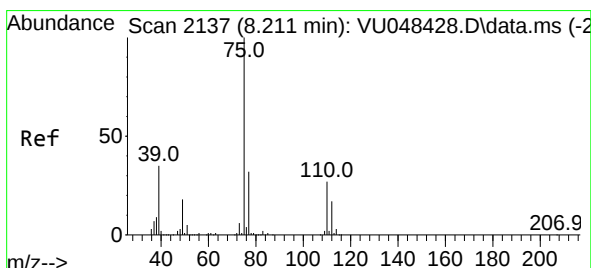
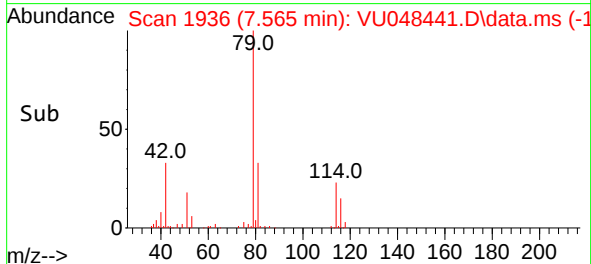
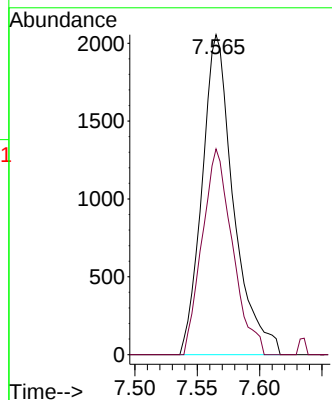
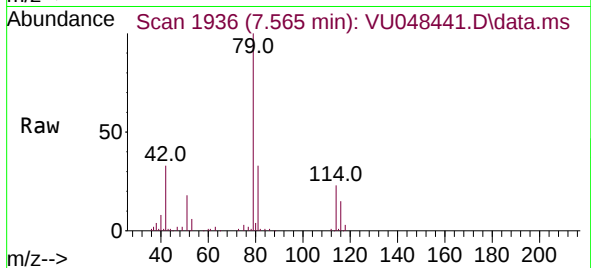
EXL89

Tgt Ion: 75 Resp: 3601

Ion Ratio Lower Upper

75 100

77 64.3 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048441.D

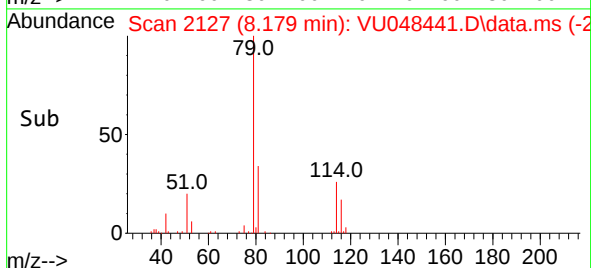
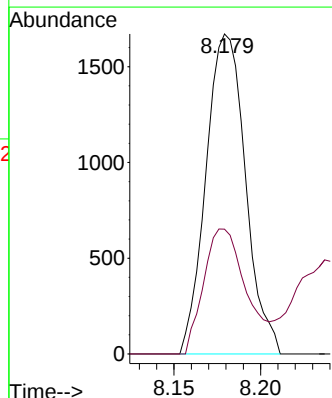
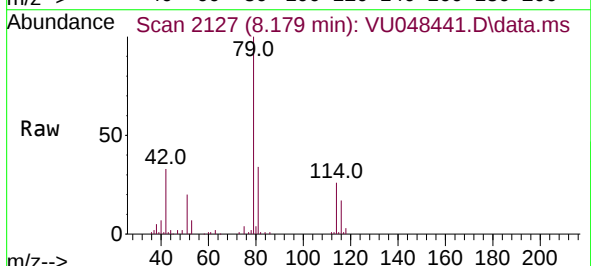
Acq: 05 May 2022 16:46

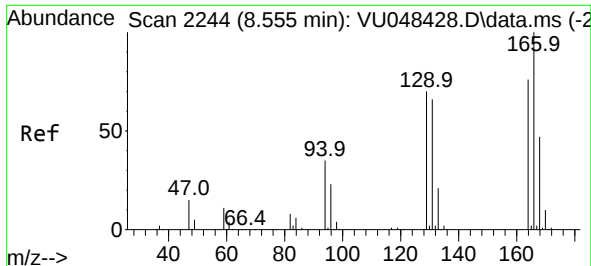
Tgt Ion: 75 Resp: 2649

Ion Ratio Lower Upper

75 100

77 39.0 22.1 41.1

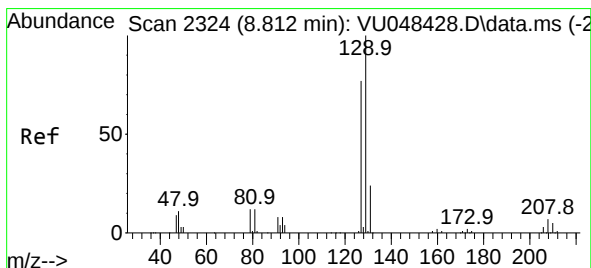
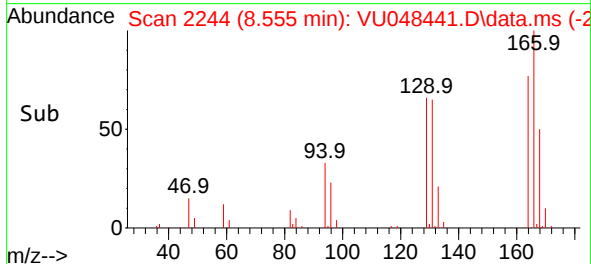
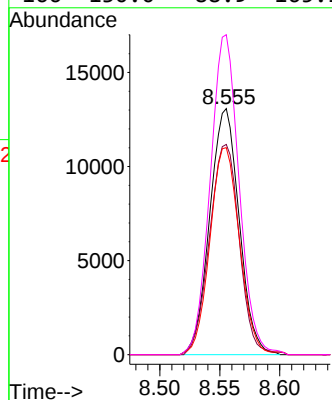
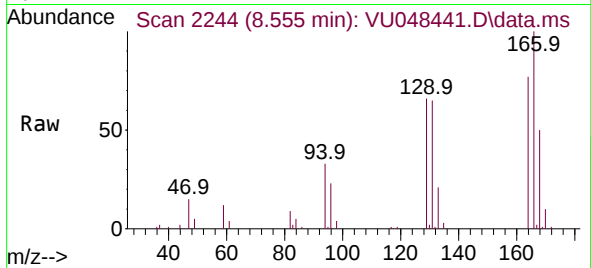




#46
Tetrachloroethene
Concen: 10.557 ug/L
RT: 8.555 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU048441.D
Acq: 05 May 2022 16:46

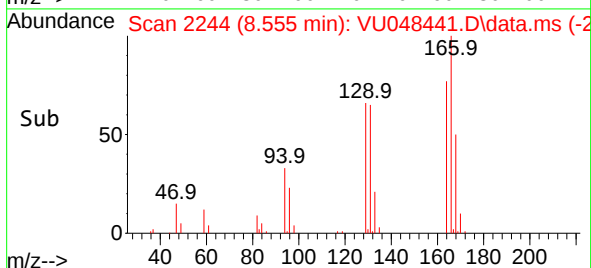
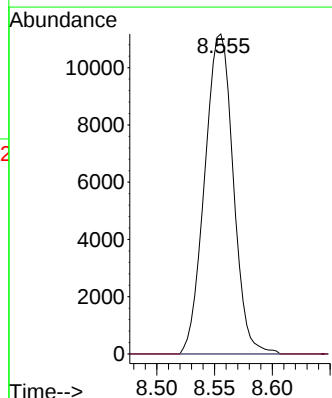
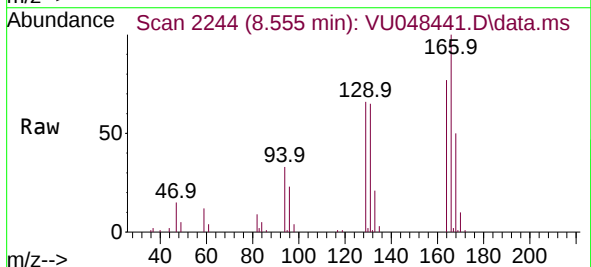
Instrument :
MSVOA_U
ClientSampleId :
EXL89

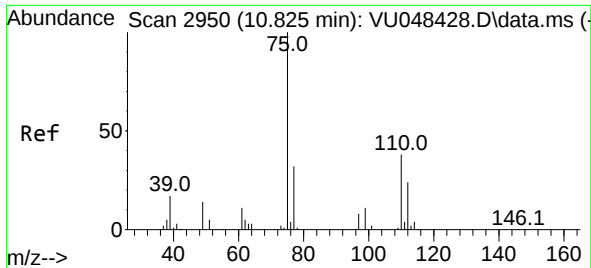
Tgt Ion:164 Resp: 22336
Ion Ratio Lower Upper
164 100
129 85.5 63.3 117.7
131 84.2 61.2 113.6
166 130.0 88.9 165.1



#49
Dibromochloromethane
Concen: 5.838 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU048441.D
Acq: 05 May 2022 16:46

Tgt Ion:129 Resp: 19262
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#





#60
 1,2,3-Trichloropropane
 Concen: 4.174 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048441.D
 Acq: 05 May 2022 16:46

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL89

Tgt Ion: 75 Resp: 15543
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.8
 110 2.1 29.9 44.9#

