

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051064.D
 Acq On : 01 Oct 2022 03:26
 Operator : JC/MD
 Sample : N4869-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 04:32:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

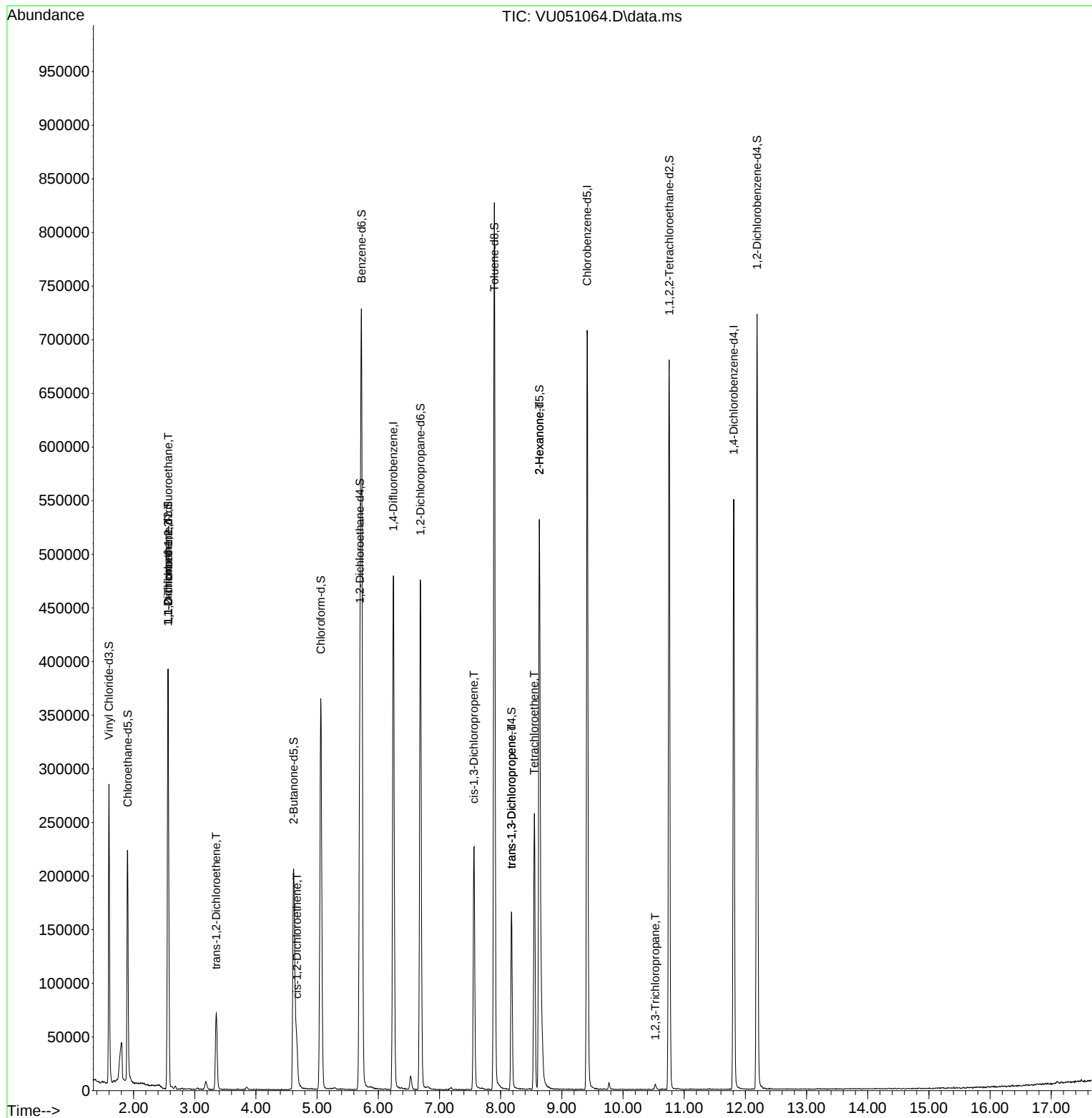
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	377548	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	384432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	141473	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	199933	52.253	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	104.500%	
7) Chloroethane-d5	1.903	69	167535	47.136	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.280%	
11) 1,1-Dichloroethene-d2	2.562	63	231669	40.989	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.980%	
21) 2-Butanone-d5	4.617	46	290807	117.183	ug/L	-0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	117.180%	
24) Chloroform-d	5.060	84	337734	54.786	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.580%	
26) 1,2-Dichloroethane-d4	5.700	65	219893	57.629	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	115.260%	
32) Benzene-d6	5.726	84	676730	60.113	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	120.220%	
36) 1,2-Dichloropropane-d6	6.687	67	228326	62.504	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	125.000%#	
41) Toluene-d8	7.896	98	550453	52.922	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.840%	
43) trans-1,3-Dichloroprop...	8.179	79	90033	51.673	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	103.340%	
47) 2-Hexanone-d5	8.632	63	159937	108.430	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	108.430%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	341923	53.557	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	107.120%	
66) 1,2-Dichlorobenzene-d4	12.192	152	184778	61.139	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	122.280%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2130	0.739	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1924	0.715	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	30624	10.692	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	18525	5.792	ug/L	100
39) cis-1,3-Dichloropropene	7.562	75	5263	1.177	ug/L #	50
44) trans-1,3-Dichloropropene	8.179	75	3829	0.847	ug/L #	73
46) Tetrachloroethene	8.549	164	54465	23.675	ug/L	98
48) 2-Hexanone	8.632	43	24704	5.951	ug/L #	86
60) 1,2,3-Trichloropropane	10.526	75	2901	0.779	ug/L #	40

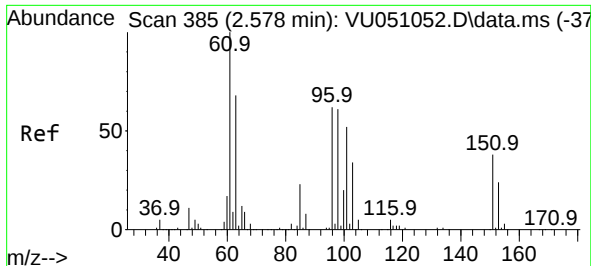
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 01 03:04:59 2022
Response via : Initial Calibration





#10

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

Concen: 0.739 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051064.D

Acq: 01 Oct 2022 03:26

Instrument :

MSVOA_U

ClientSampleId :

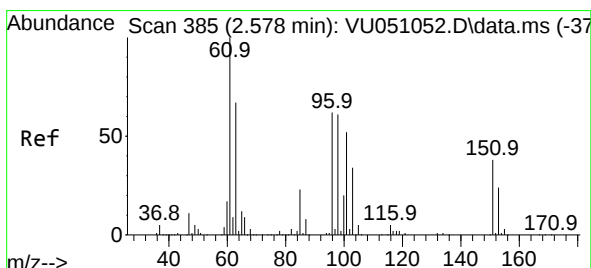
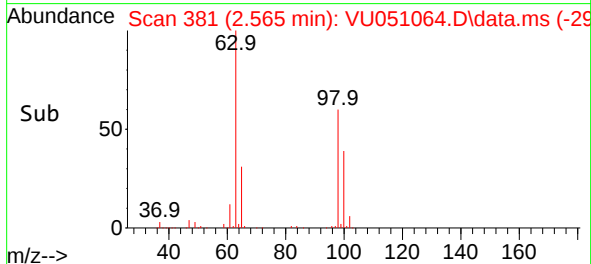
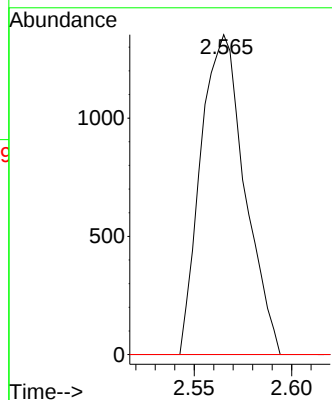
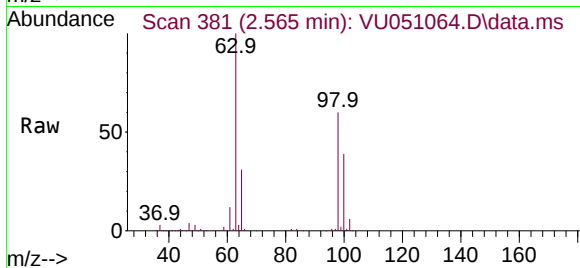
Tgt Ion:101 Resp: 2130

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.715 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051064.D

Acq: 01 Oct 2022 03:26

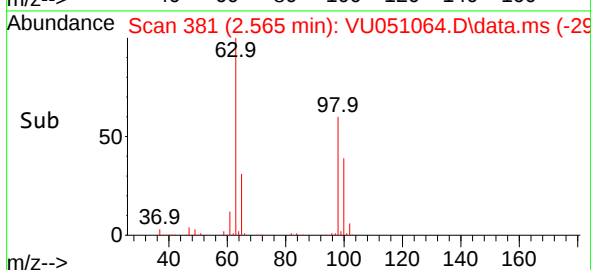
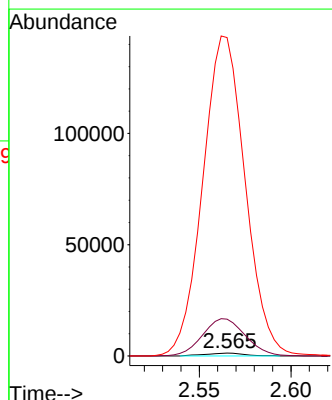
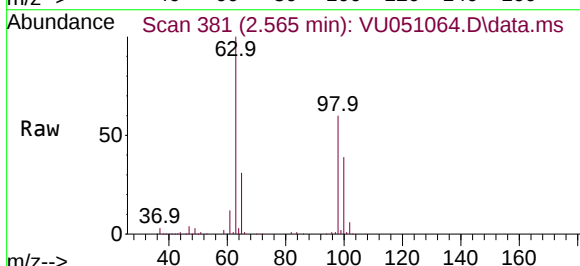
Tgt Ion: 96 Resp: 1924

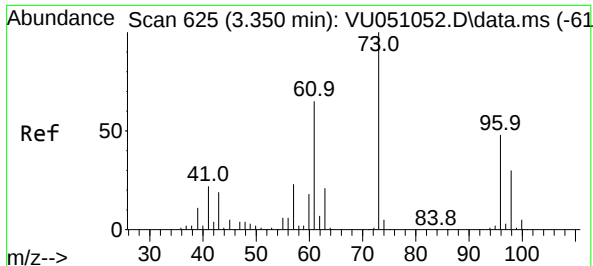
Ion Ratio Lower Upper

96 100

61 1265.9 113.0 209.9#

63 10965.8 91.7 170.3#





#17

trans-1,2-Dichloroethene

Concen: 10.692 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051064.D

Acq: 01 Oct 2022 03:26

Instrument :

MSVOA_U

ClientSampleId :

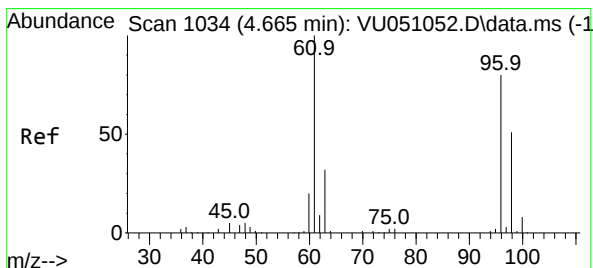
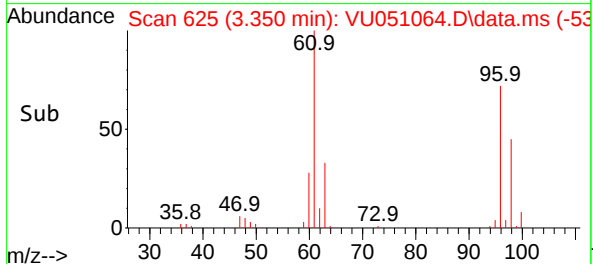
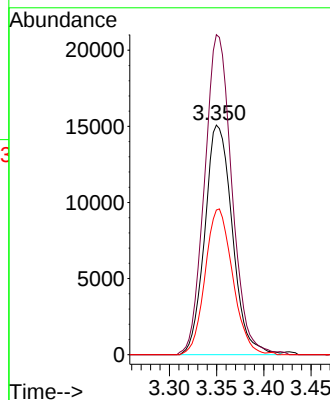
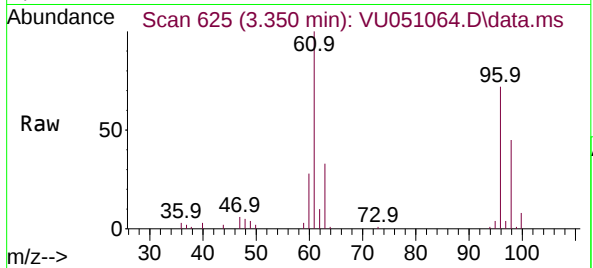
Tgt Ion: 96 Resp: 30624

Ion Ratio Lower Upper

96 100

61 139.4 95.1 176.5

98 63.0 45.1 83.7



#20

cis-1,2-Dichloroethene

Concen: 5.792 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU051064.D

Acq: 01 Oct 2022 03:26

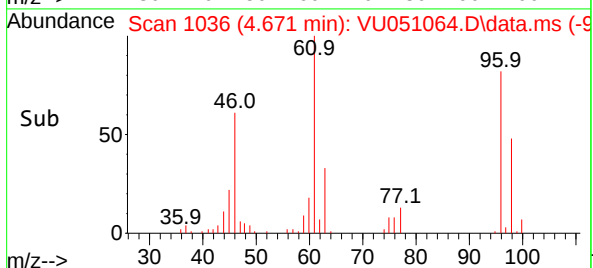
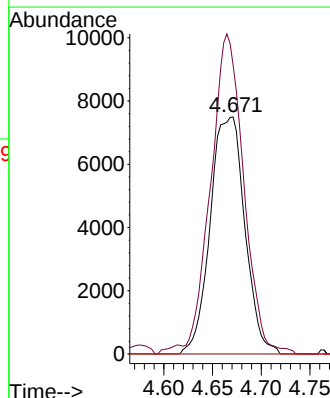
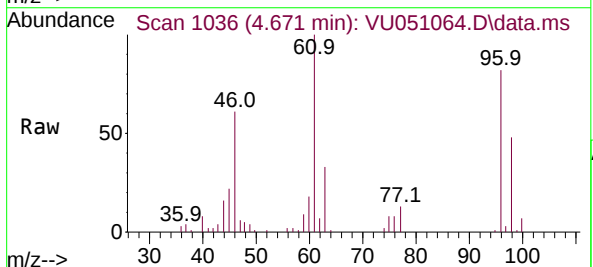
Tgt Ion: 96 Resp: 18525

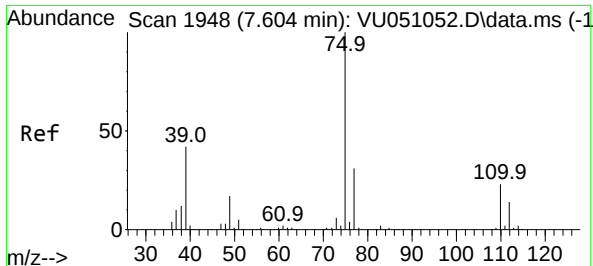
Ion Ratio Lower Upper

96 100

61 121.8 85.4 158.6

68 0.0 0.0 0.0





#39

cis-1,3-Dichloropropene

Concen: 1.177 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU051064.D

Acq: 01 Oct 2022 03:26

Instrument :

MSVOA_U

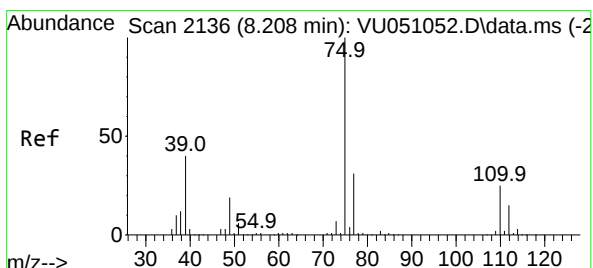
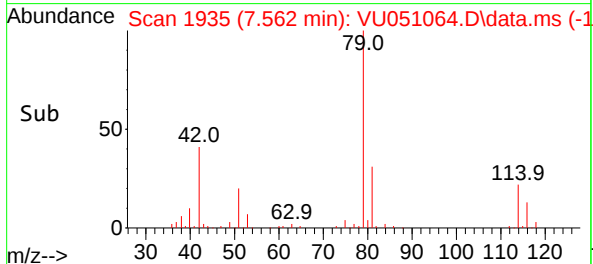
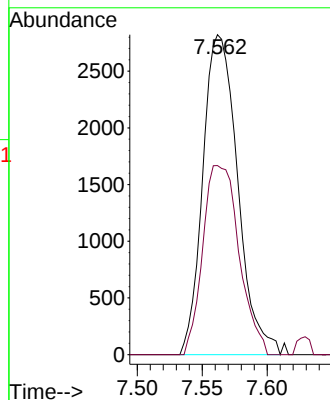
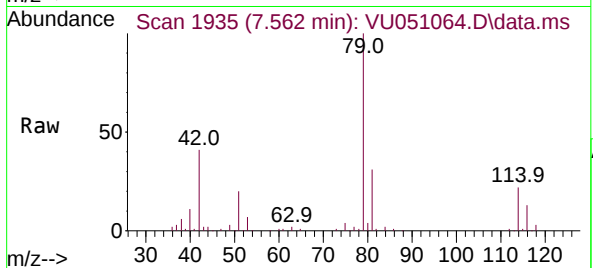
ClientSampleId :

Tgt Ion: 75 Resp: 5263

Ion Ratio Lower Upper

75 100

77 59.1 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.847 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051064.D

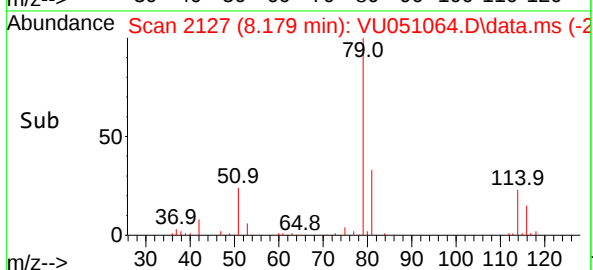
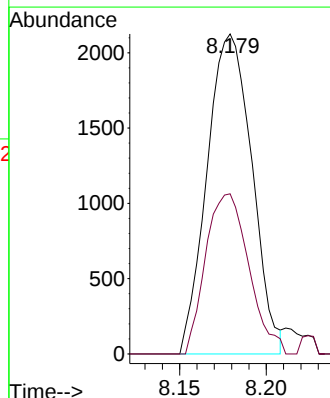
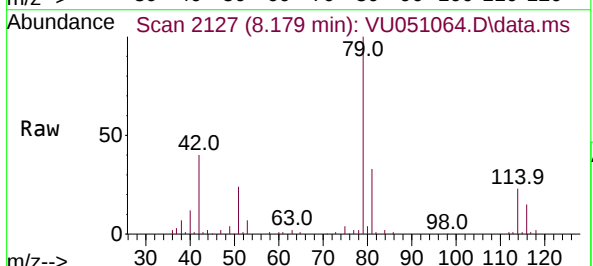
Acq: 01 Oct 2022 03:26

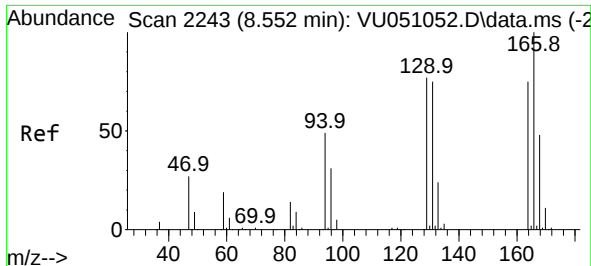
Tgt Ion: 75 Resp: 3829

Ion Ratio Lower Upper

75 100

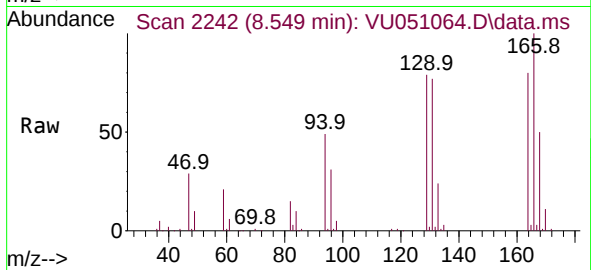
77 47.5 22.7 42.3#



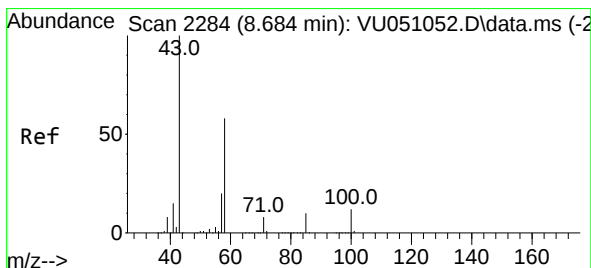
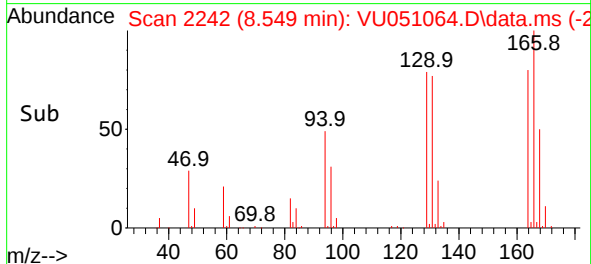
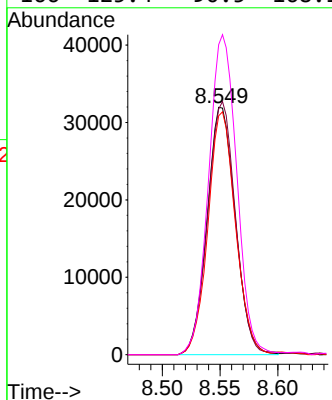


#46
Tetrachloroethene
Concen: 23.675 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051064.D
Acq: 01 Oct 2022 03:26

Instrument :
MSVOA_U
ClientSampleId :

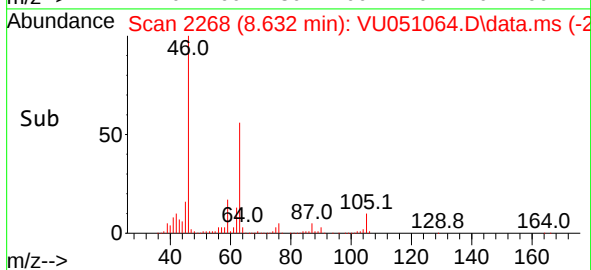
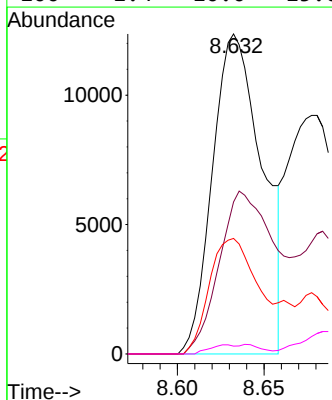
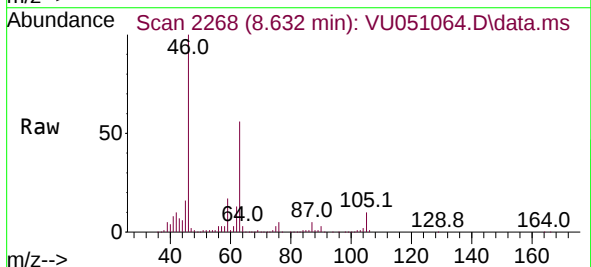


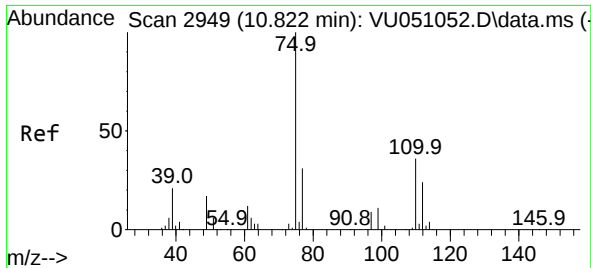
Tgt Ion:164 Resp: 54465
Ion Ratio Lower Upper
164 100
129 99.3 68.1 126.5
131 96.6 67.8 126.0
166 125.4 90.5 168.1



#48
2-Hexanone
Concen: 5.951 ug/L
RT: 8.632 min Scan# 2268
Delta R.T. -0.051 min
Lab File: VU051064.D
Acq: 01 Oct 2022 03:26

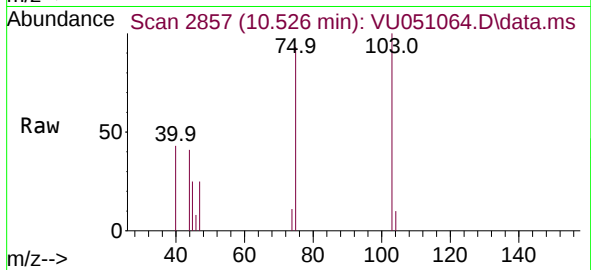
Tgt Ion: 43 Resp: 24704
Ion Ratio Lower Upper
43 100
58 57.1 48.3 72.5
57 34.8 15.9 23.9#
100 1.4 10.0 15.0#





#60
 1,2,3-Trichloropropane
 Concen: 0.779 ug/L
 RT: 10.526 min Scan# 21
 Delta R.T. -0.296 min
 Lab File: VU051064.D
 Acq: 01 Oct 2022 03:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	2901	
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.1	39.1#
110	0.0	30.0	45.0#

