

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048282.D
 Acq On : 25 Apr 2022 20:51
 Operator : SY/MD
 Sample : N2518-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES0

Quant Time: Apr 26 02:47:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

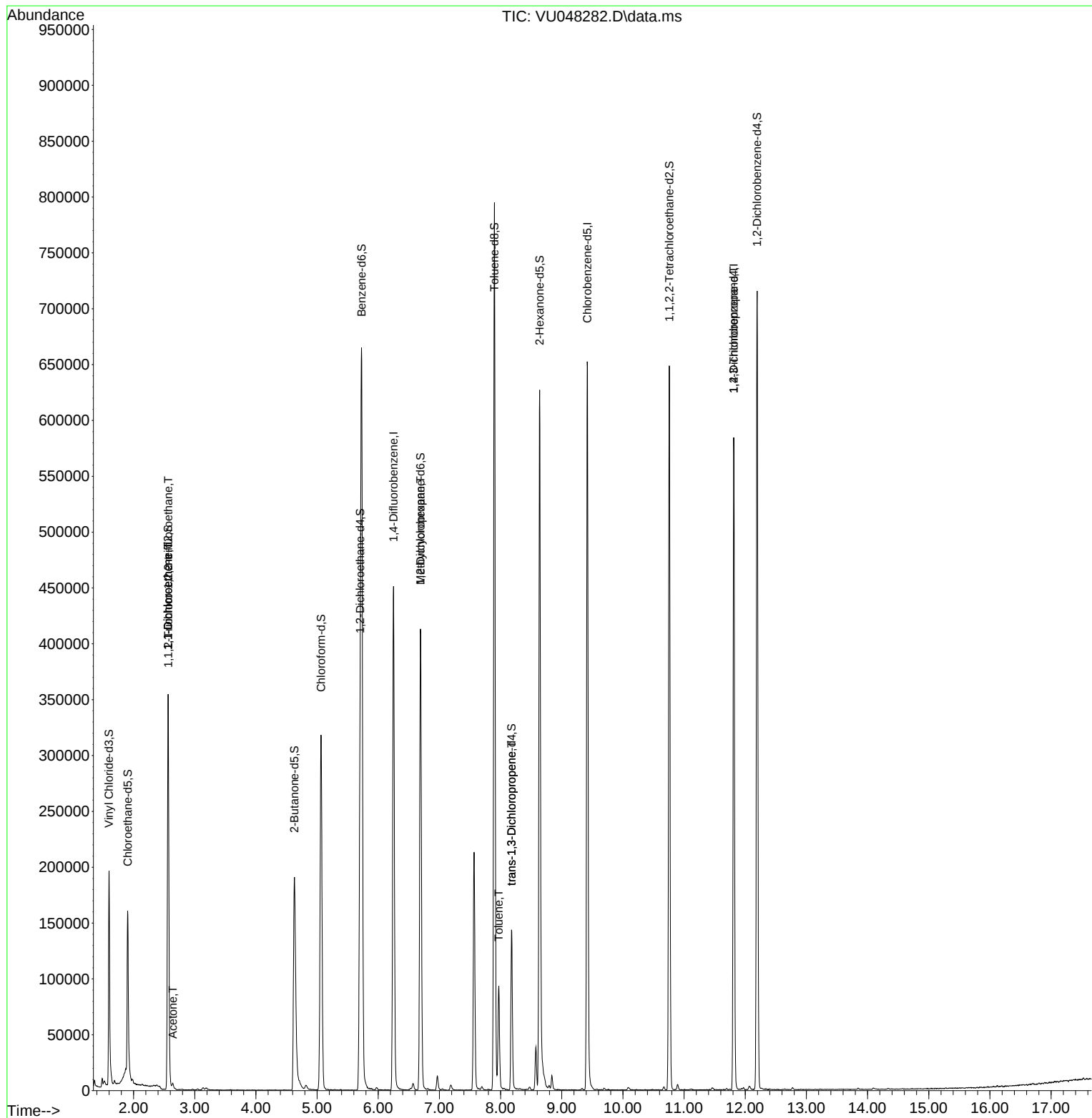
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	387037	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	392072	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167478	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	160253	45.026	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	90.060%	
7) Chloroethane-d5	1.903	69	120692	48.310	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	96.620%	
11) 1,1-Dichloroethene-d2	2.565	63	207139	36.323	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.640%	
21) 2-Butanone-d5	4.629	46	306123	100.845	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.850%	
24) Chloroform-d	5.067	84	303079	46.948	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.900%	
26) 1,2-Dichloroethane-d4	5.703	65	192220	50.184	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.360%	
32) Benzene-d6	5.729	84	637864	51.584	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.160%	
36) 1,2-Dichloropropane-d6	6.690	67	213905	52.325	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	104.640%	
41) Toluene-d8	7.899	98	537451	47.950	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.900%	
43) trans-1,3-Dichloroprop...	8.179	79	83833	46.474	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.940%	
47) 2-Hexanone-d5	8.639	63	215257	97.596	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	97.600%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	321516	44.844	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.680%	
66) 1,2-Dichlorobenzene-d4	12.195	152	206485	54.807	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.620%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2028	0.696	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1723	0.677	ug/L #	1
13) Acetone	2.642	43	5417	2.780	ug/L	98
35) Methylcyclohexane	6.690	83	47429	11.873	ug/L #	20
42) Toluene	7.970	91	68032	5.582	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	3393	0.748	ug/L #	78
60) 1,2,3-Trichloropropane	11.812	75	17694	4.529	ug/L #	69

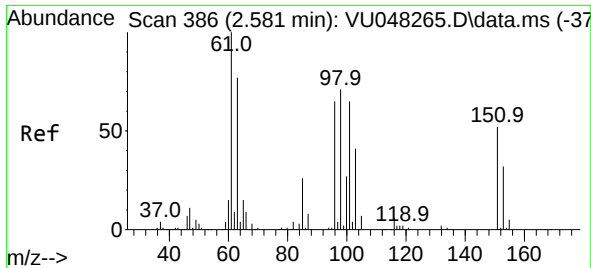
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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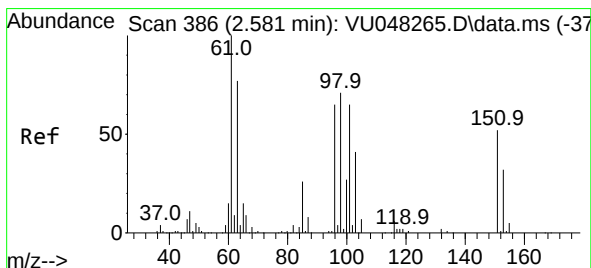
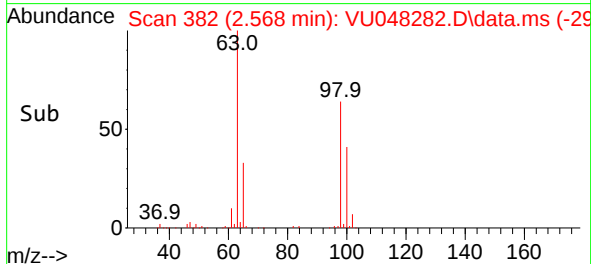
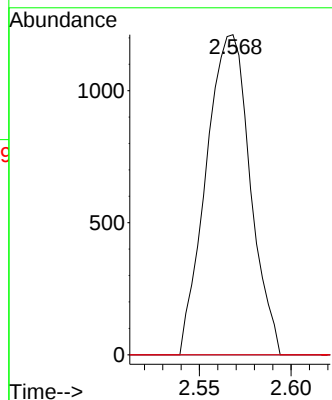
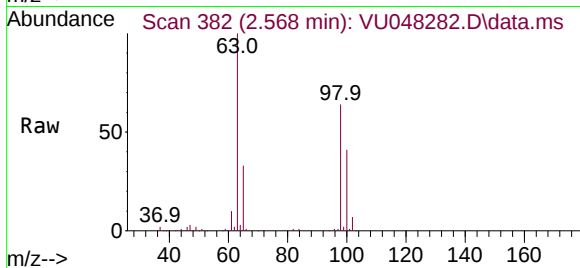




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.696 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048282.D
Acq: 25 Apr 2022 20:51

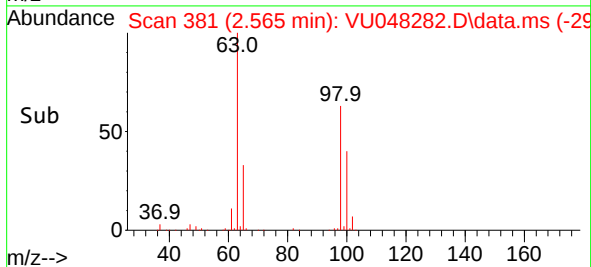
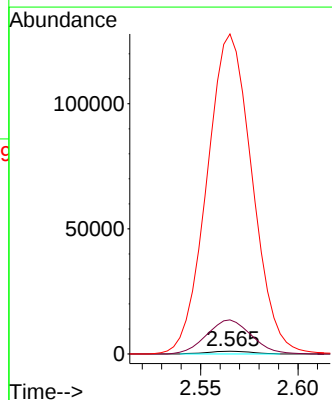
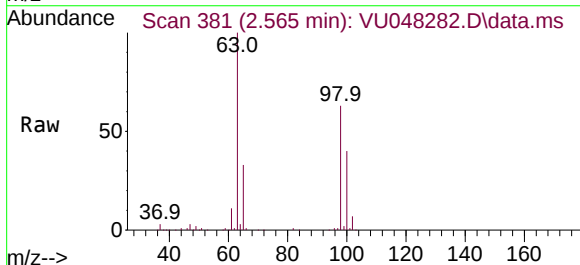
Instrument :
MSVOA_U
ClientSampleId :
EXES0

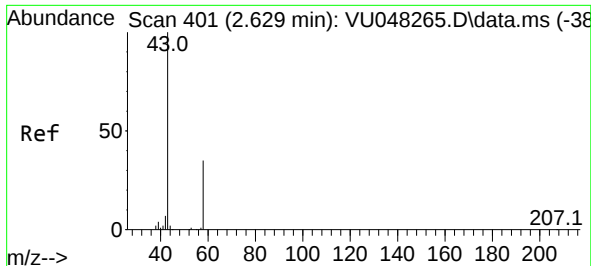
Tgt Ion:101 Resp: 2028
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#



#12
1,1-Dichloroethene
Concen: 0.677 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU048282.D
Acq: 25 Apr 2022 20:51

Tgt Ion: 96 Resp: 1723
Ion Ratio Lower Upper
96 100
61 1276.5 107.9 200.3#
63 11975.3 80.3 149.1#





#13

Acetone

Concen: 2.780 ug/L

RT: 2.642 min Scan# 401

Delta R.T. 0.013 min

Lab File: VU048282.D

Acq: 25 Apr 2022 20:51

Instrument :

MSVOA_U

ClientSampleId :

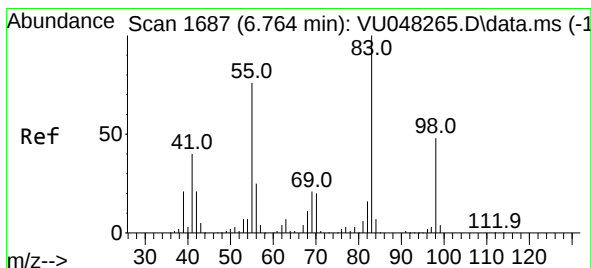
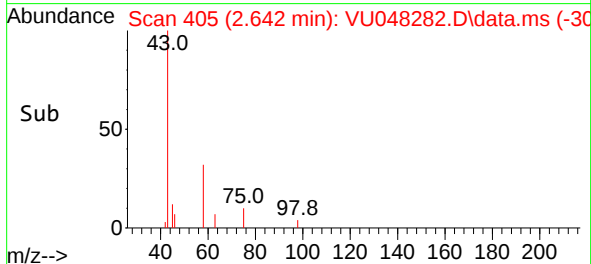
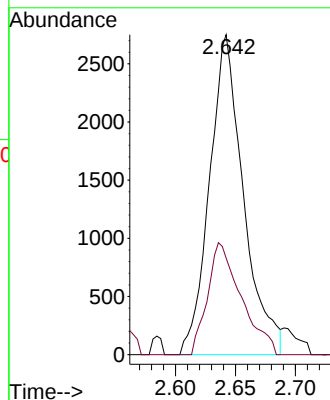
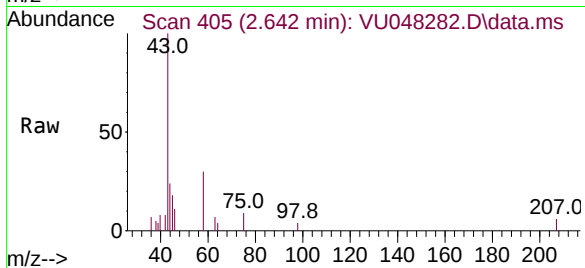
EXES0

Tgt Ion: 43 Resp: 5417

Ion Ratio Lower Upper

43 100

58 34.7 0.0 71.2



#35

Methylcyclohexane

Concen: 11.873 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU048282.D

Acq: 25 Apr 2022 20:51

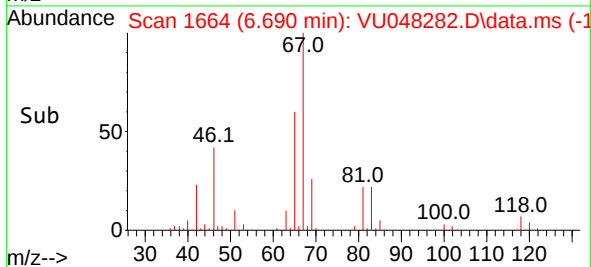
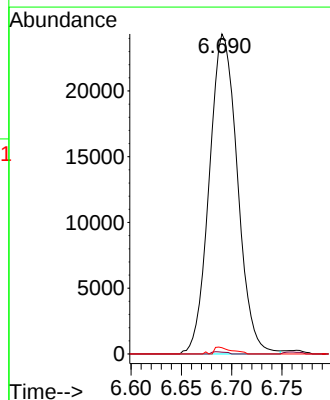
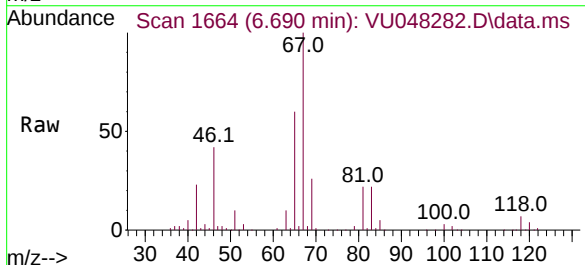
Tgt Ion: 83 Resp: 47429

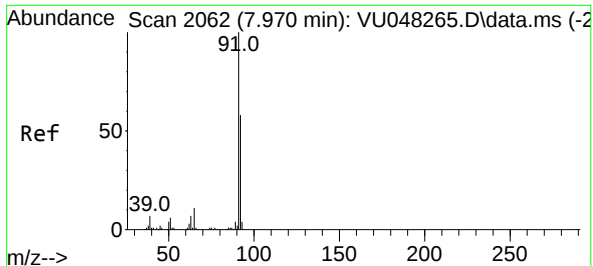
Ion Ratio Lower Upper

83 100

55 0.3 59.4 89.2#

98 1.3 37.3 55.9#





#42

Toluene

Concen: 5.582 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048282.D

Acq: 25 Apr 2022 20:51

Instrument :

MSVOA_U

ClientSampleId :

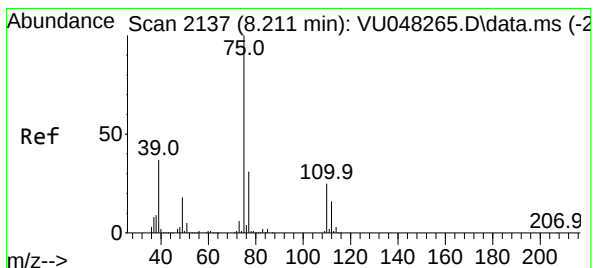
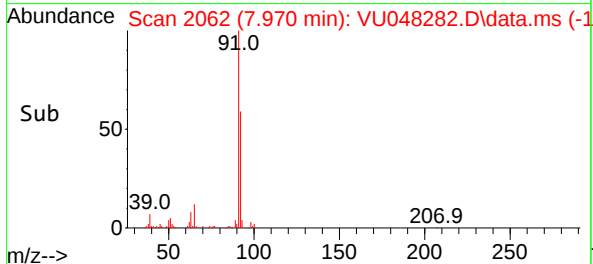
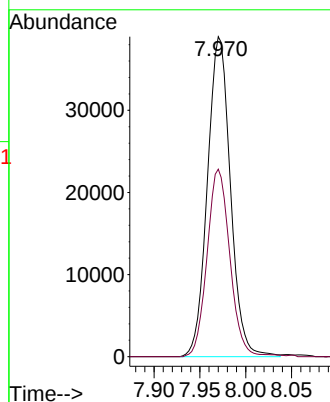
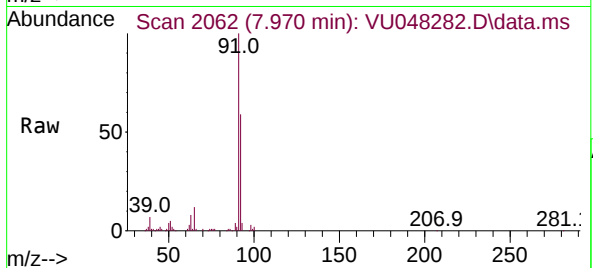
EXES0

Tgt Ion: 91 Resp: 68032

Ion Ratio Lower Upper

91 100

92 58.6 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 0.748 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048282.D

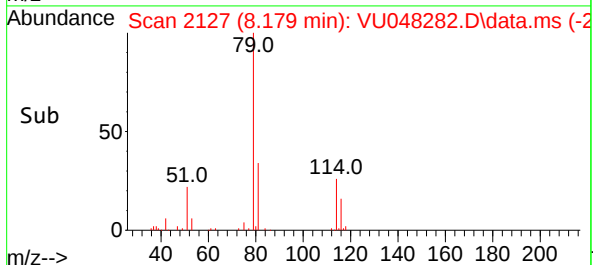
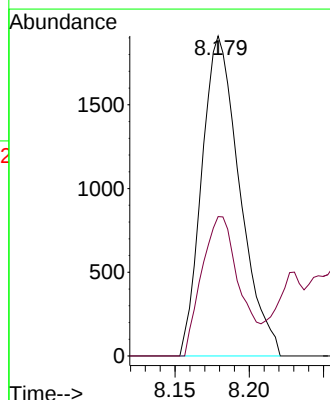
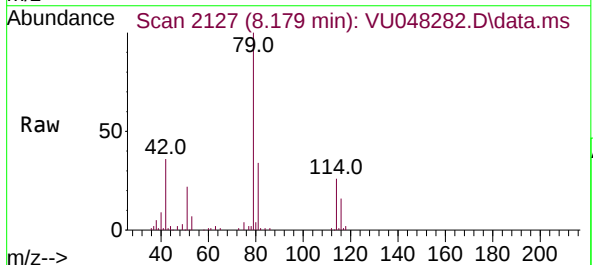
Acq: 25 Apr 2022 20:51

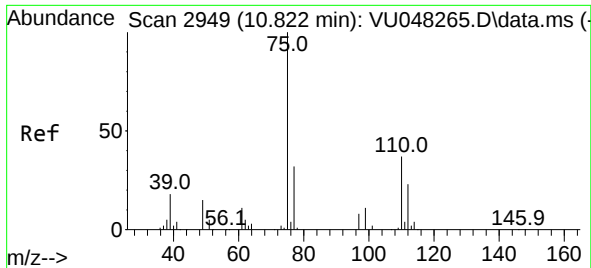
Tgt Ion: 75 Resp: 3393

Ion Ratio Lower Upper

75 100

77 43.5 22.1 41.1#





#60
 1,2,3-Trichloropropane
 Concen: 4.529 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048282.D
 Acq: 25 Apr 2022 20:51

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES0

Tgt Ion: 75	Resp:	17694
Ion	Ratio	Lower Upper
75	100	
77	32.1	25.8 38.8
110	2.8	29.9 44.9#

