

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048145.D
 Acq On : 20 Apr 2022 16:09
 Operator : SY/MD
 Sample : N2485-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHX9

Quant Time: Apr 21 02:42:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

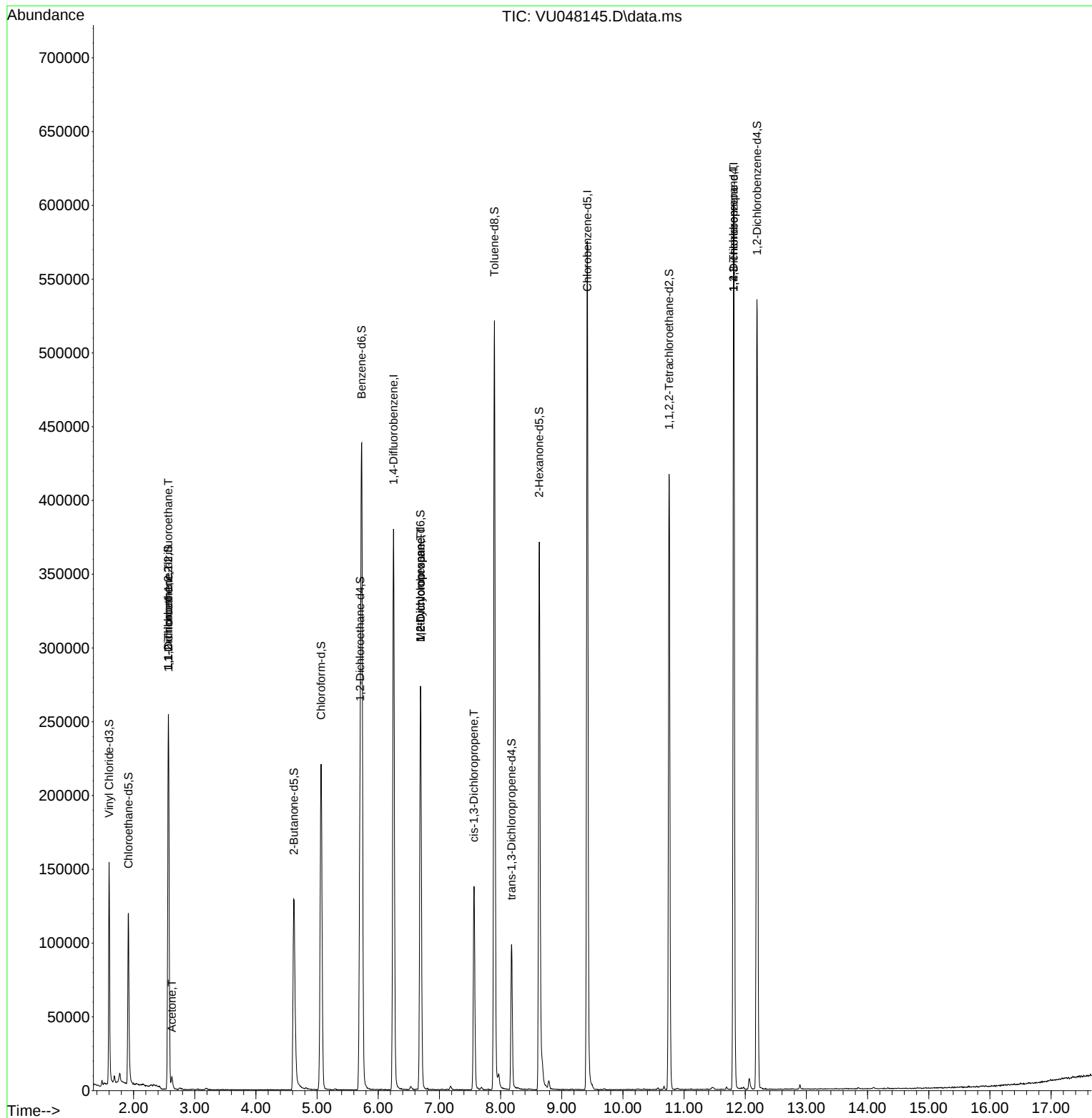
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	327462	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	348510	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	172869	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	111998	47.164	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.320%
7) Chloroethane-d5	1.916	69	94050	50.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.460%
11) 1,1-Dichloroethene-d2	2.568	63	144502	33.260	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.520%
21) 2-Butanone-d5	4.620	46	185532	91.027	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.030%
24) Chloroform-d	5.067	84	209401	48.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.380%
26) 1,2-Dichloroethane-d4	5.703	65	128758	48.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
32) Benzene-d6	5.729	84	421344	48.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.100%
36) 1,2-Dichloropropane-d6	6.690	67	137483	51.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.100%
41) Toluene-d8	7.899	98	360034	42.138	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.280%
43) trans-1,3-Dichloroprop...	8.179	79	57232	41.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.900%
47) 2-Hexanone-d5	8.632	63	125280	79.462	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.460%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	210315	45.503	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	156493	50.884	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.760%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1329	0.551	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1134	0.505	ug/L #	1
13) Acetone	2.626	43	9670	5.098	ug/L	92
35) Methylcyclohexane	6.690	83	31805	7.905	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	13688	5.338	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3319	0.834	ug/L #	42
60) 1,2,3-Trichloropropane	11.809	75	17520	5.376	ug/L #	67

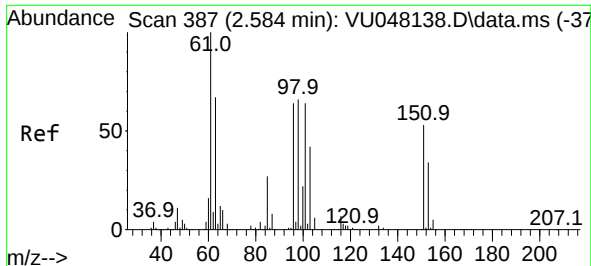
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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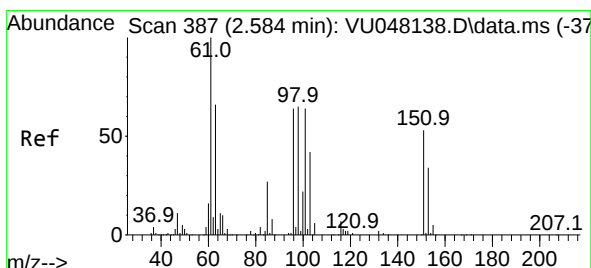
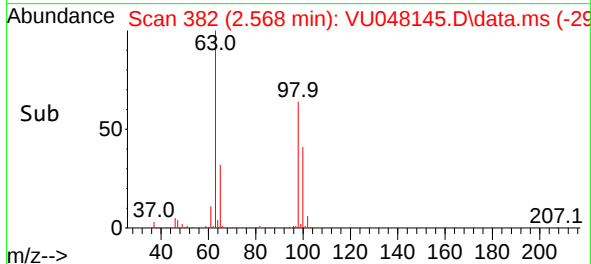
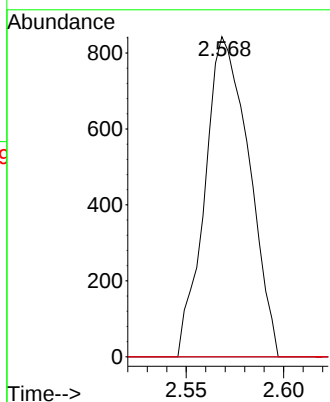
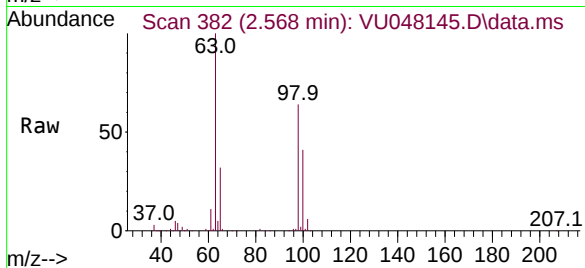




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.551 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU048145.D
 Acq: 20 Apr 2022 16:09

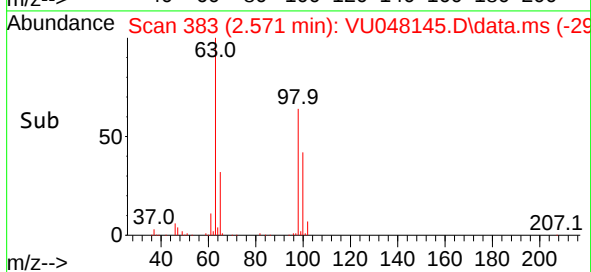
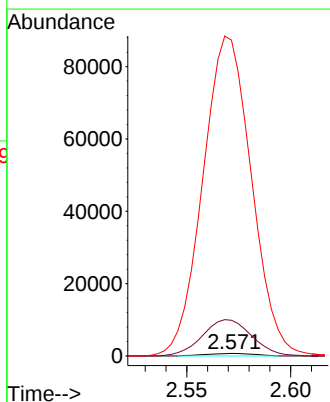
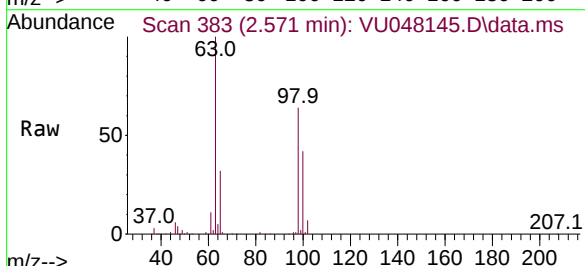
Instrument :
 MSVOA_U
 ClientSampleId :
 COHX9

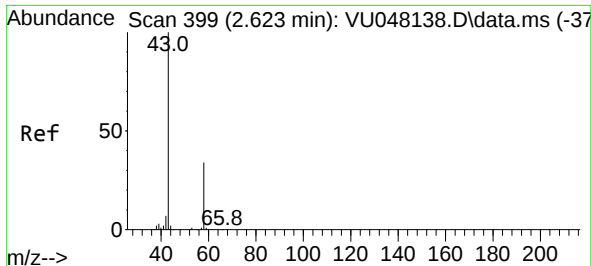
Tgt Ion:101 Resp: 1329
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.505 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048145.D
 Acq: 20 Apr 2022 16:09

Tgt Ion: 96 Resp: 1134
 Ion Ratio Lower Upper
 96 100
 61 1429.3 113.1 210.1#
 63 12656.2 94.8 176.0#





#13

Acetone

Concen: 5.098 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048145.D

Acq: 20 Apr 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

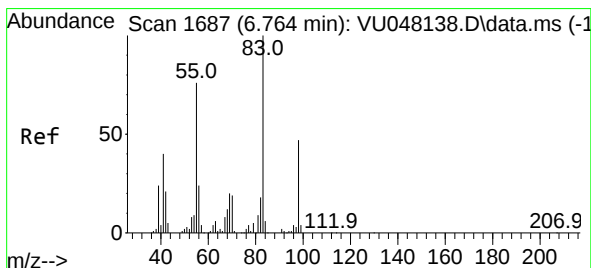
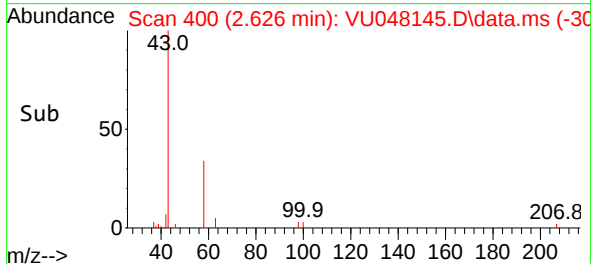
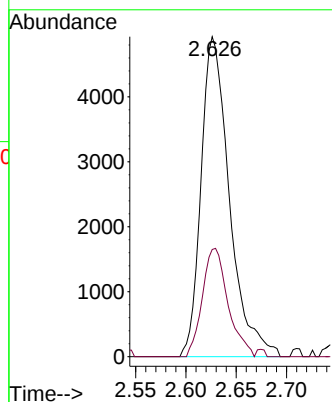
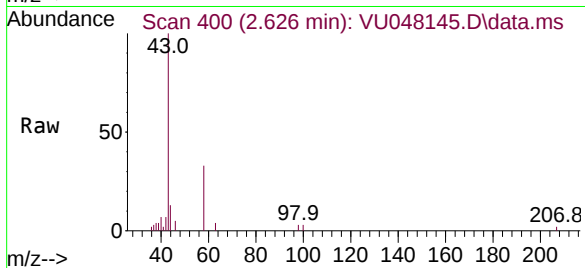
COHX9

Tgt Ion: 43 Resp: 9670

Ion Ratio Lower Upper

43 100

58 30.6 0.0 70.0



#35

Methylcyclohexane

Concen: 7.905 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU048145.D

Acq: 20 Apr 2022 16:09

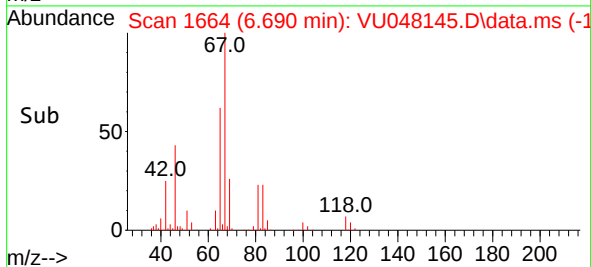
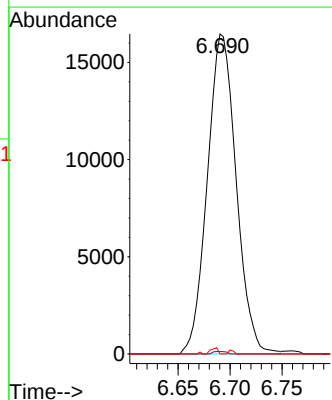
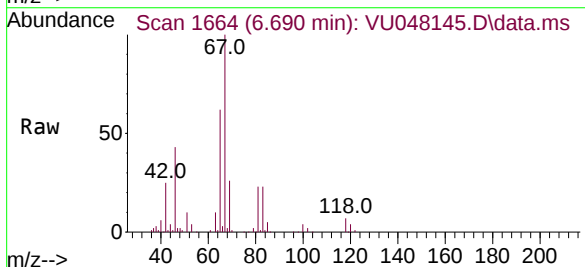
Tgt Ion: 83 Resp: 31805

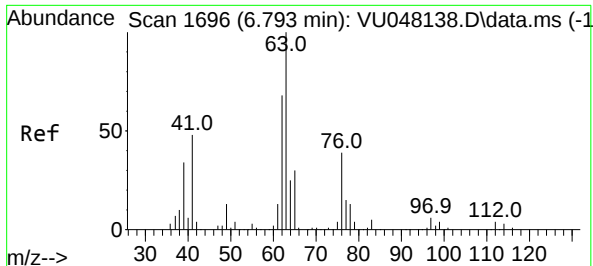
Ion Ratio Lower Upper

83 100

55 0.3 56.8 85.2#

98 0.5 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.338 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048145.D

Acq: 20 Apr 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

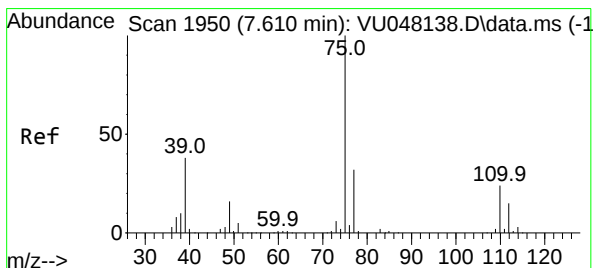
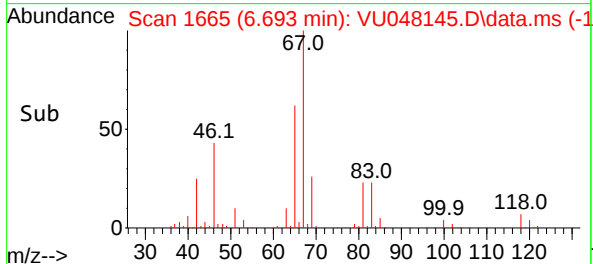
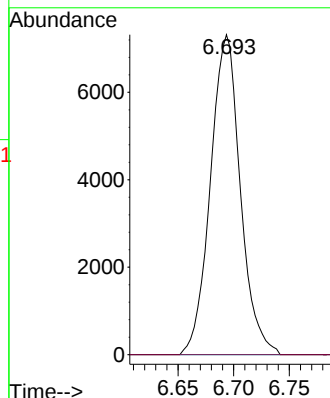
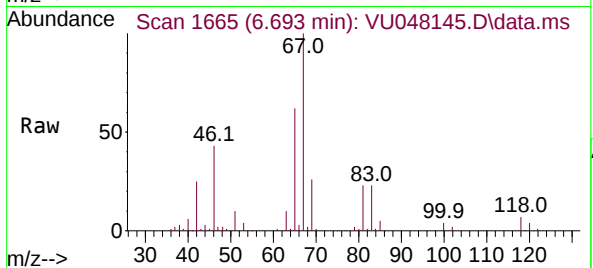
C0HX9

Tgt Ion: 63 Resp: 13688

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.834 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048145.D

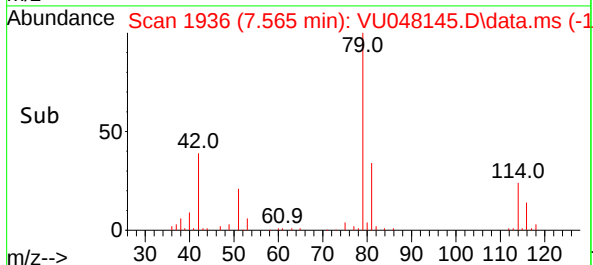
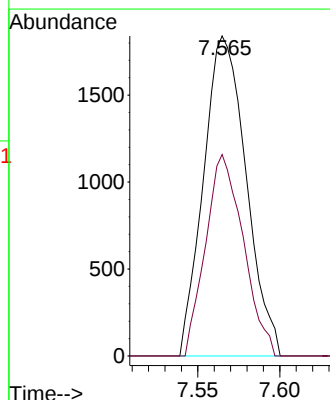
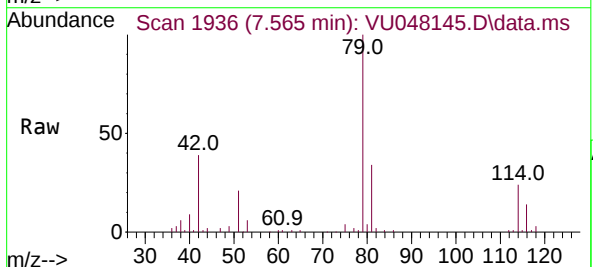
Acq: 20 Apr 2022 16:09

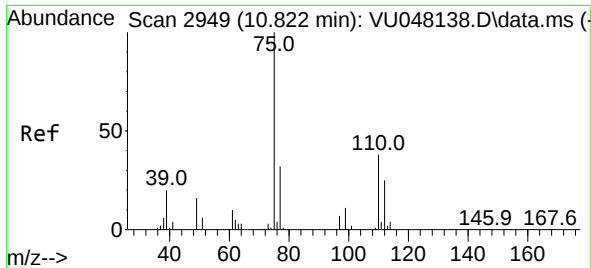
Tgt Ion: 75 Resp: 3319

Ion Ratio Lower Upper

75 100

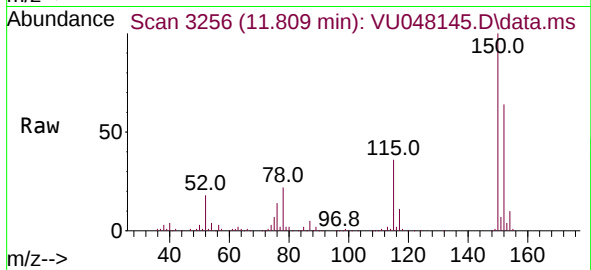
77 62.9 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.376 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048145.D
 Acq: 20 Apr 2022 16:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HX9



Tgt Ion: 75 Resp: 17520
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.0 39.0
 110 2.0 31.4 47.2#

