

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050265.D
 Acq On : 12 Aug 2022 07:53
 Operator : SY/MD
 Sample : VU0811WBL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 08:12:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:12:22 2022
 Response via : Initial Calibration

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

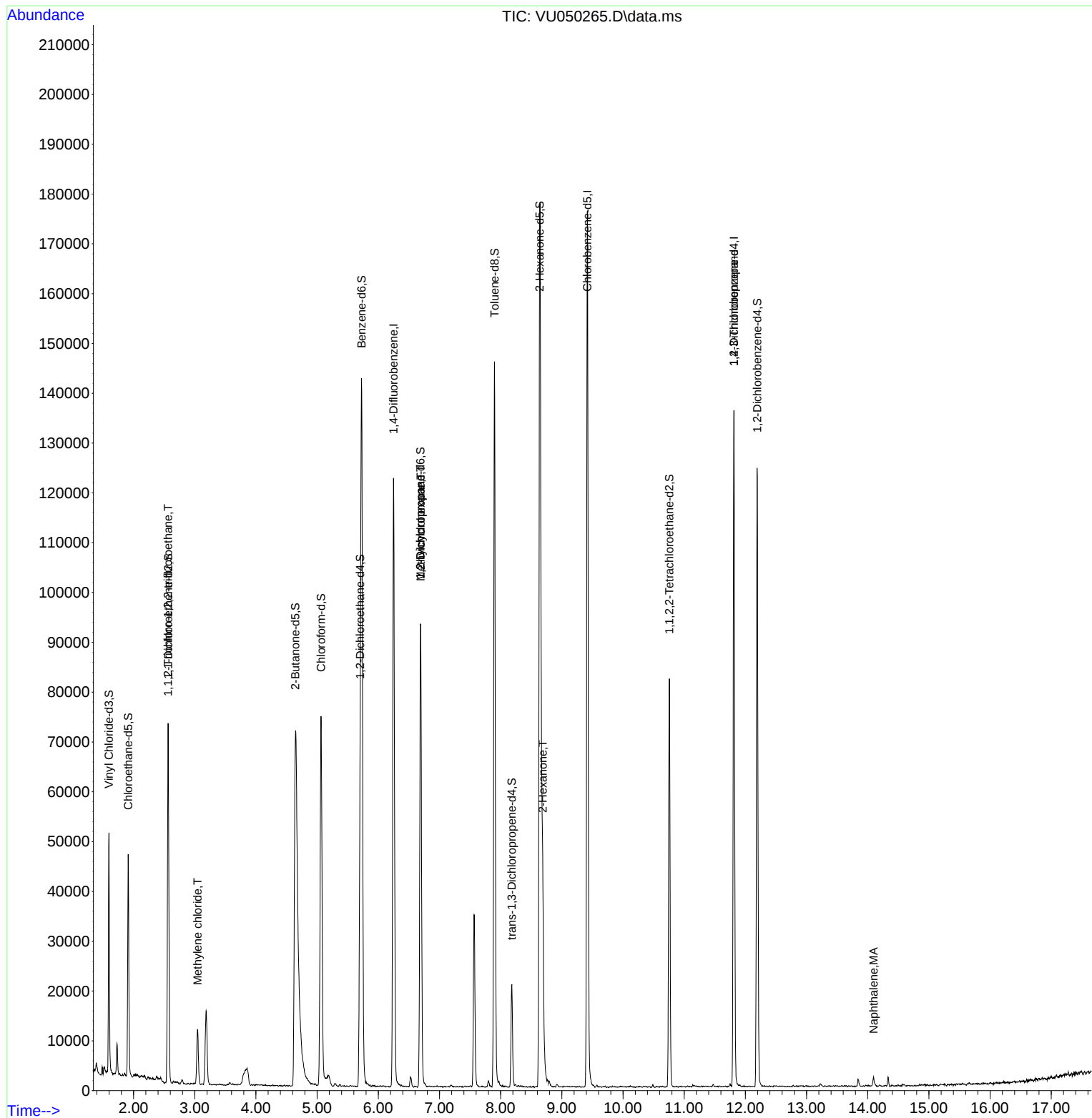
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101029	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	103130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37900	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33789	4.019	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.912	69	31772	4.684	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.565	65	13478	4.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.645	46	119431	58.251	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.500%
24) Chloroform-d	5.063	84	70769	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.703	65	38178	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.729	84	135526	4.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.690	67	48209	4.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.899	98	102518	3.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.182	79	12953	3.411	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.639	63	57251	42.510	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42682	4.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	34481	4.643	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	341	0.052	ug/L #	22
16) Methylene chloride	3.044	84	5631	0.528	ug/L	95
35) Methylcyclohexane	6.693	83	10314	0.914	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4862	0.505	ug/L #	89
48) 2-Hexanone	8.687	43	22399	5.195	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	5089	0.986	ug/L #	64
71) Naphthalene	14.098	128	2443	0.173	ug/L #	81

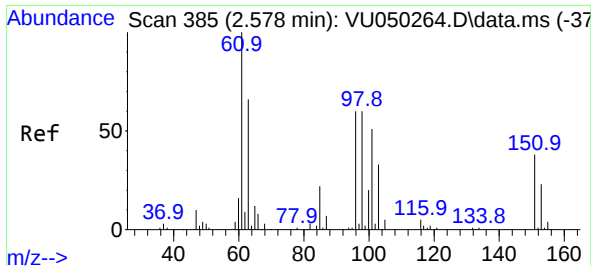
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 12 08:12:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 12 08:12:22 2022
Response via : Initial Calibration

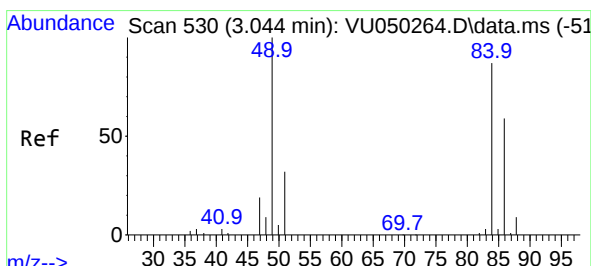
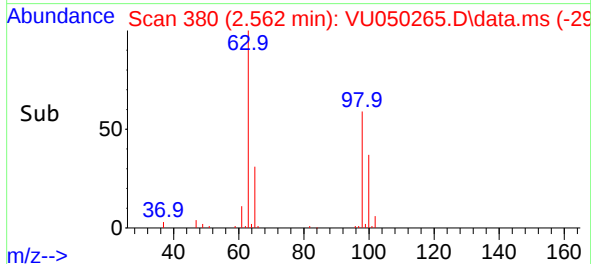
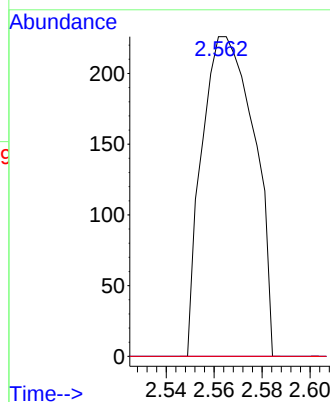
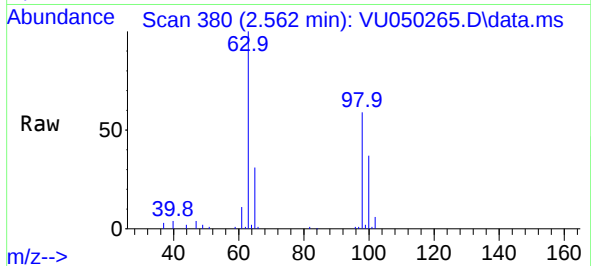




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.052 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU050265.D
Acq: 12 Aug 2022 07:53

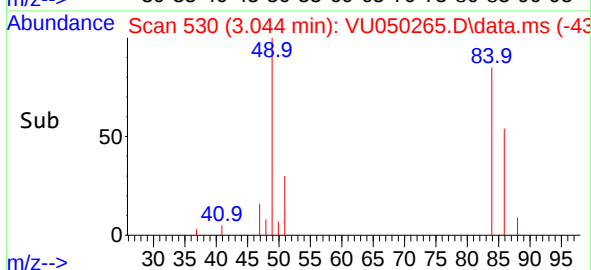
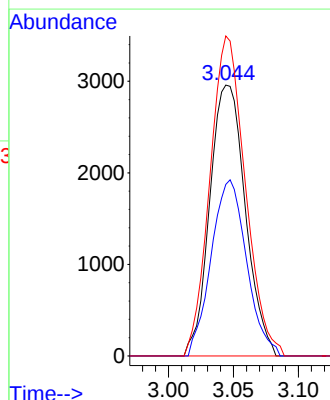
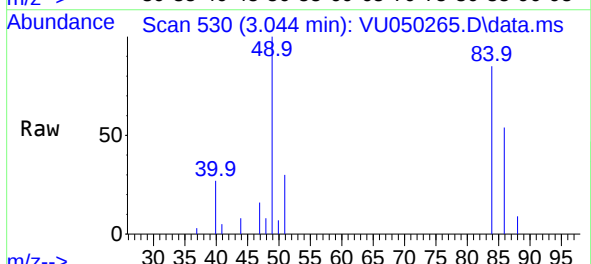
Instrument :
MSVOA_U
ClientSampleId :

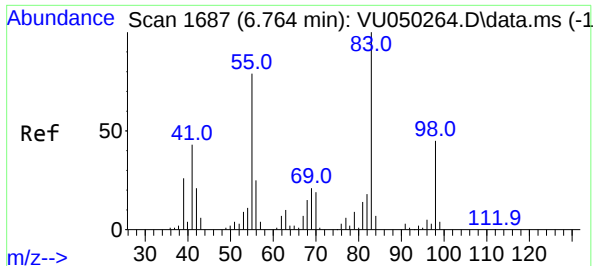
Tgt Ion:101 Resp: 341
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#16
Methylene chloride
Concen: 0.528 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050265.D
Acq: 12 Aug 2022 07:53

Tgt Ion: 84 Resp: 5631
Ion Ratio Lower Upper
84 100
86 63.3 45.9 85.3
49 118.1 77.6 144.0





#35

Methylcyclohexane

Concen: 0.914 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050265.D

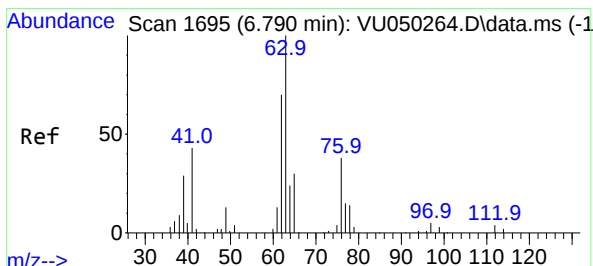
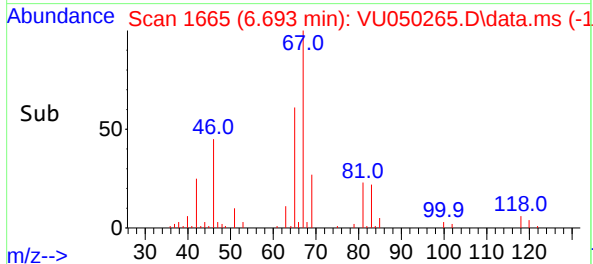
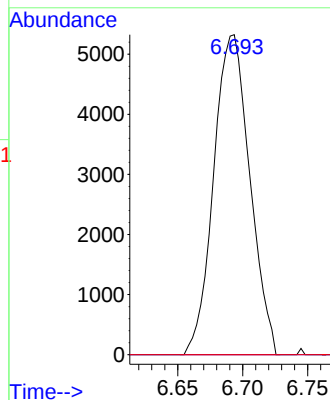
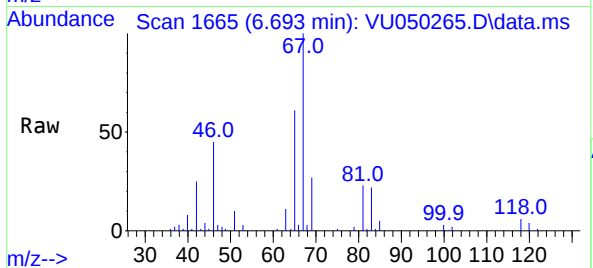
Acq: 12 Aug 2022 07:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10314
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 0.4	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.505 ug/L

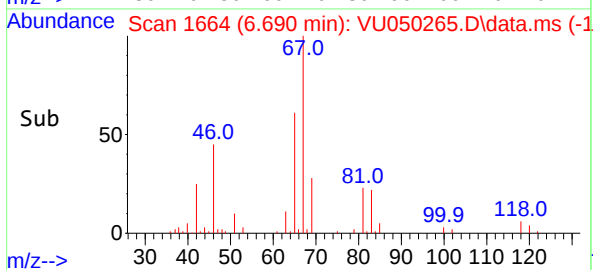
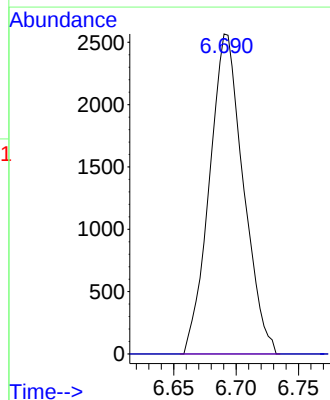
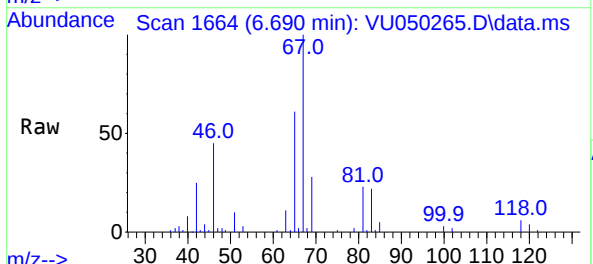
RT: 6.690 min Scan# 1664

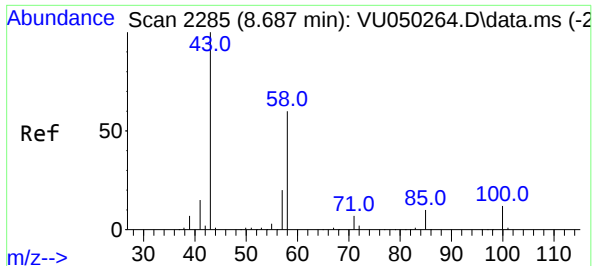
Delta R.T. -0.100 min

Lab File: VU050265.D

Acq: 12 Aug 2022 07:53

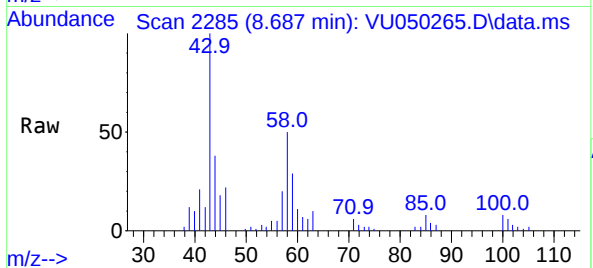
Tgt Ion: 63	Resp: 4862
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#



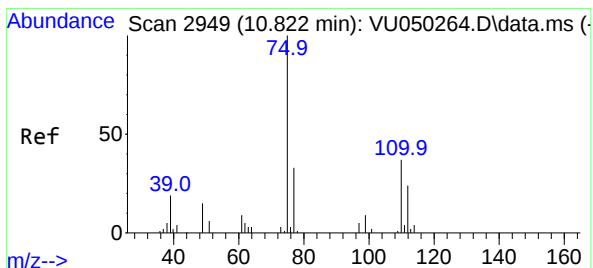
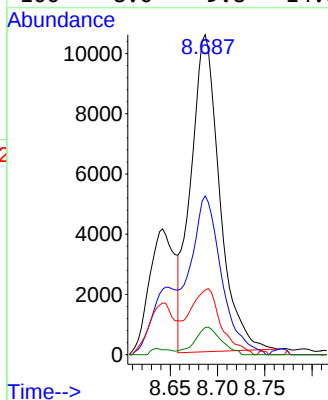
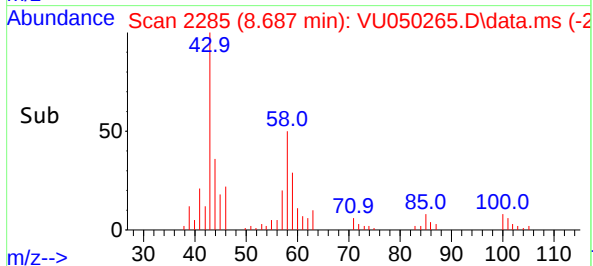


#48
2-Hexanone
Concen: 5.195 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050265.D
Acq: 12 Aug 2022 07:53

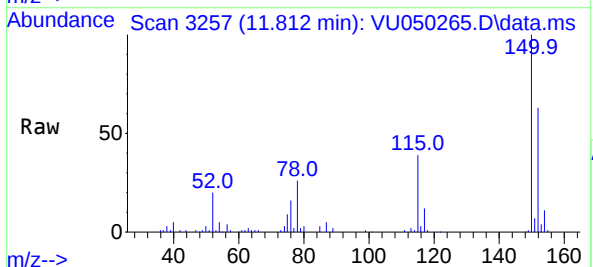
Instrument :
MSVOA_U
ClientSampleId :



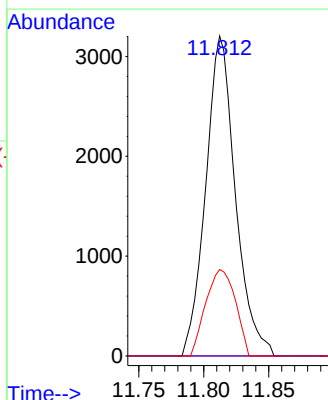
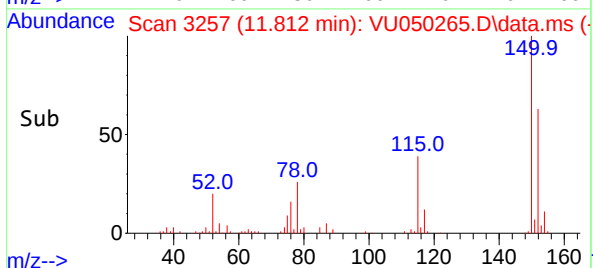
Tgt Ion: 43 Resp: 22399
Ion Ratio Lower Upper
43 100
58 52.2 50.6 76.0
57 22.1 16.0 24.0
100 8.0 9.8 14.8#

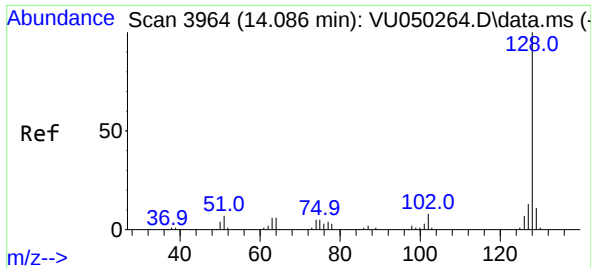


#61
1,2,3-Trichloropropane
Concen: 0.986 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050265.D
Acq: 12 Aug 2022 07:53



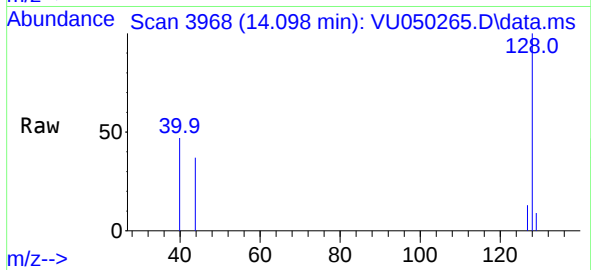
Tgt Ion: 75 Resp: 5089
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 26.9 25.8 38.6





#71
Naphthalene
Concen: 0.173 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.013 min
Lab File: VU050265.D
Acq: 12 Aug 2022 07:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	2443
Ion	Ratio	Lower	Upper
128	100		
129	1.7	8.6	12.8#
127	7.6	10.6	16.0#

