

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
 Data File : VU049784.D
 Acq On : 19 Jul 2022 14:53
 Operator : SY/MD
 Sample : N3679-05ME
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 02:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

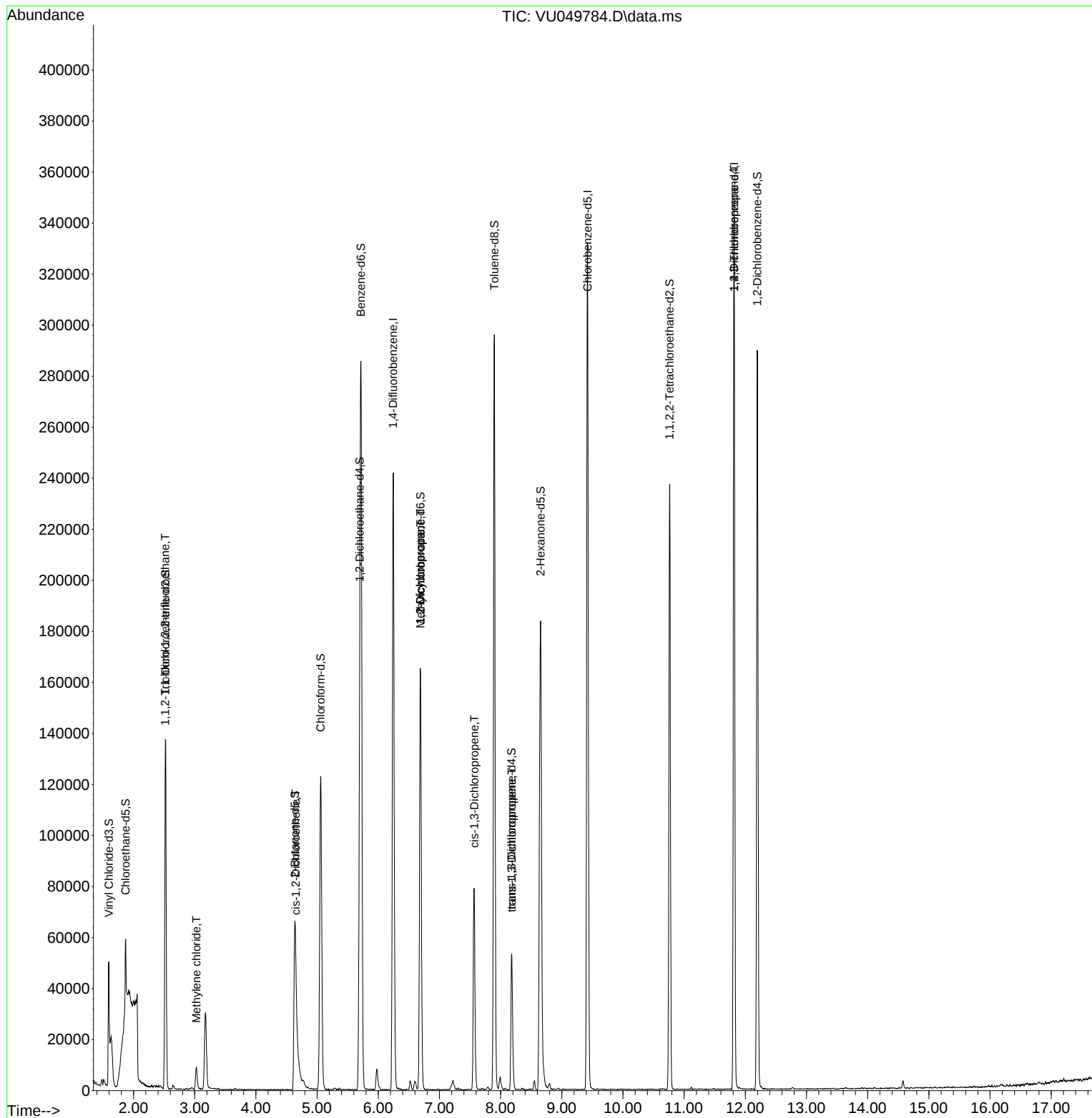
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	193335	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	187464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	87292	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	40970	25.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.240%#
7) Chloroethane-d5	1.871	69	24348	20.649	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.300%#
11) 1,1-Dichloroethene-d2	2.520	63	84565	29.348	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.700%#
21) 2-Butanone-d5	4.636	46	126653	90.950	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.950%
24) Chloroform-d	5.057	84	119613	41.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.697	65	87514	44.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.500%
32) Benzene-d6	5.716	84	231799	40.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.687	67	80948	42.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.520%
41) Toluene-d8	7.896	98	194423	39.202	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.400%#
43) trans-1,3-Dichloroprop...	8.179	79	32166	39.855	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.700%
47) 2-Hexanone-d5	8.652	63	79650	92.435	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	119886	44.728	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	70593	42.892	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.780%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.517	101	659	0.442	ug/L #	20
16) Methylene chloride	3.025	84	4304	2.473	ug/L	95
20) cis-1,2-Dichloroethene	4.652	96	1331	0.783	ug/L	84
35) Methylcyclohexane	6.691	83	18469	6.900	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	9721	4.977	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2429	0.922	ug/L #	81
44) trans-1,3-Dichloropropene	8.183	75	1654	0.669	ug/L	95
60) 1,2,3-Trichloropropane	11.816	75	11990	5.157	ug/L #	69

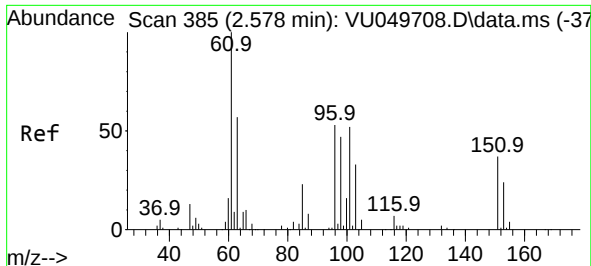
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 19 02:09:49 2022
Response via : Initial Calibration





#10

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

Concen: 0.442 ug/L

RT: 2.517 min Scan# 30

Delta R.T. -0.058 min

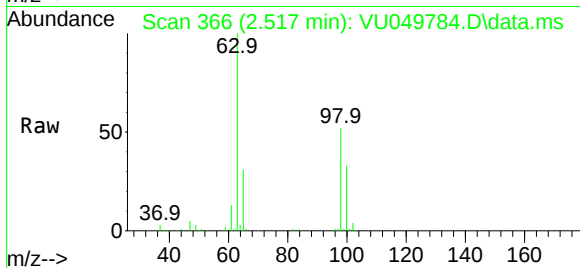
Lab File: VU049784.D

Acq: 19 Jul 2022 14:53

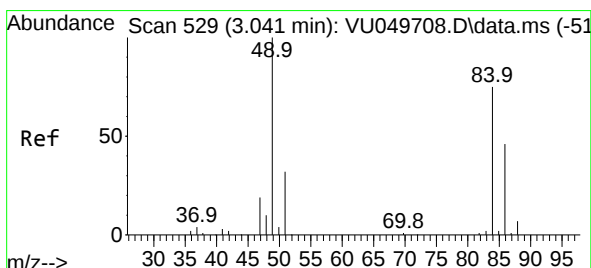
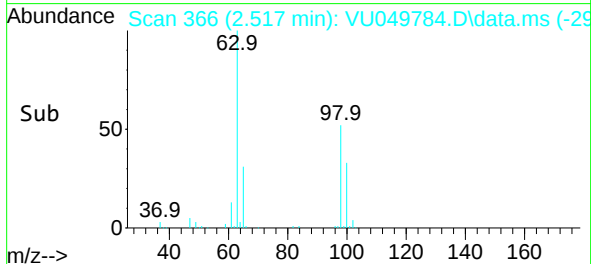
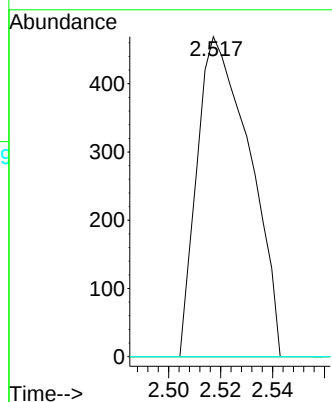
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	101	Resp:	659
Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.3	55.9#
151	0.0	56.9	85.3#



#16

Methylene chloride

Concen: 2.473 ug/L

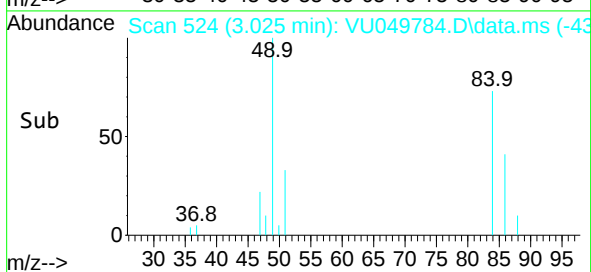
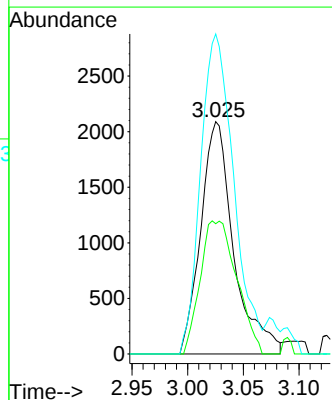
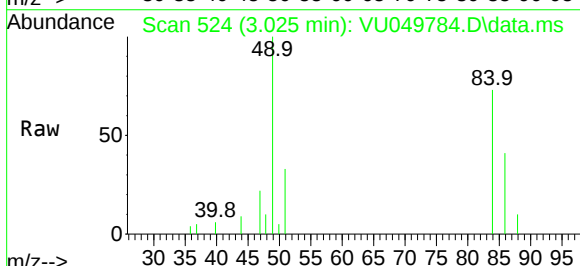
RT: 3.025 min Scan# 524

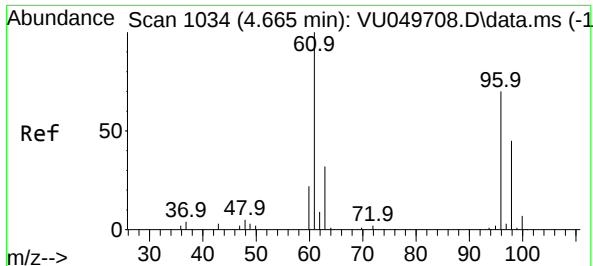
Delta R.T. -0.016 min

Lab File: VU049784.D

Acq: 19 Jul 2022 14:53

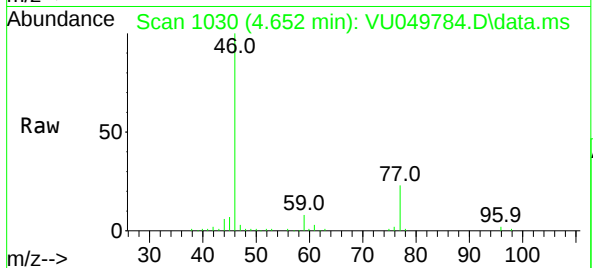
Tgt Ion:	84	Resp:	4304
Ion	Ratio	Lower	Upper
84	100		
86	56.0	45.6	84.6
49	137.7	94.4	175.4



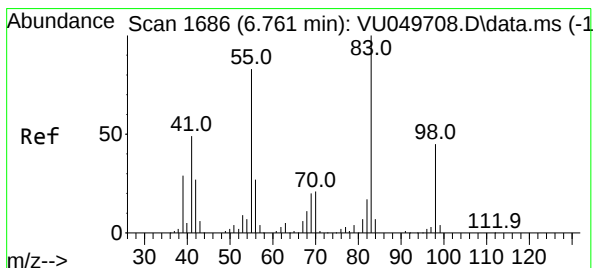
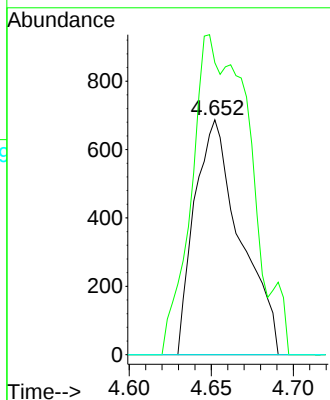
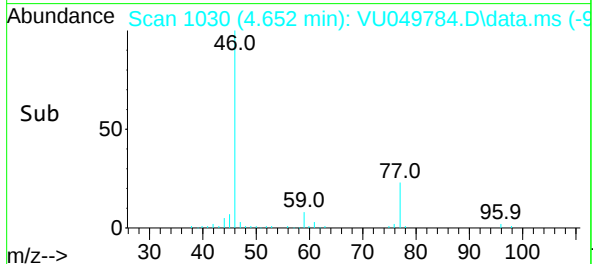


#20
 cis-1,2-Dichloroethene
 Concen: 0.783 ug/L
 RT: 4.652 min Scan# 1030
 Delta R.T. -0.013 min
 Lab File: VU049784.D
 Acq: 19 Jul 2022 14:53

Instrument :
 MSVOA_U
 ClientSampleId :

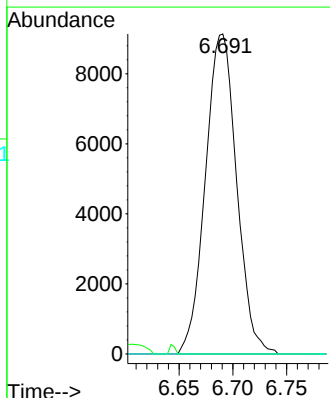
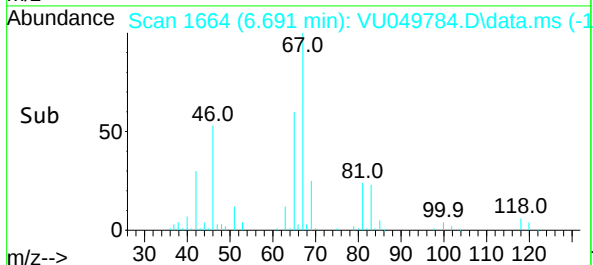
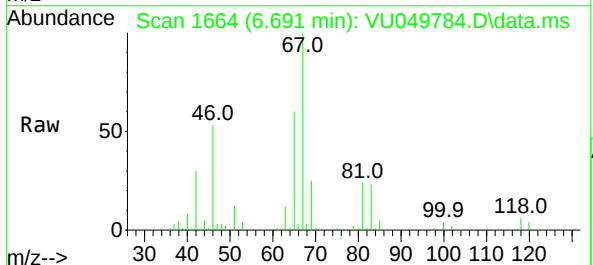


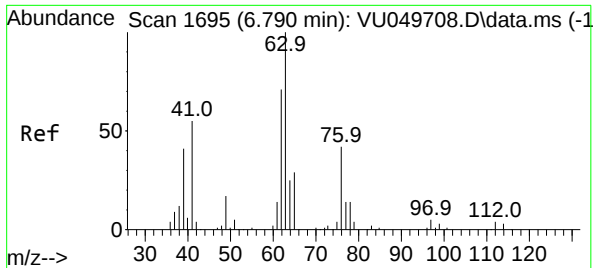
Tgt Ion: 96 Resp: 1331
 Ion Ratio Lower Upper
 96 100
 61 124.3 101.1 187.7
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 6.900 ug/L
 RT: 6.691 min Scan# 1664
 Delta R.T. -0.070 min
 Lab File: VU049784.D
 Acq: 19 Jul 2022 14:53

Tgt Ion: 83 Resp: 18469
 Ion Ratio Lower Upper
 83 100
 55 0.5 66.0 99.0#
 98 0.0 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 4.977 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049784.D

Acq: 19 Jul 2022 14:53

Instrument :

MSVOA_U

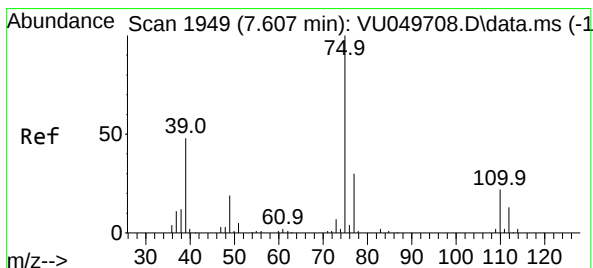
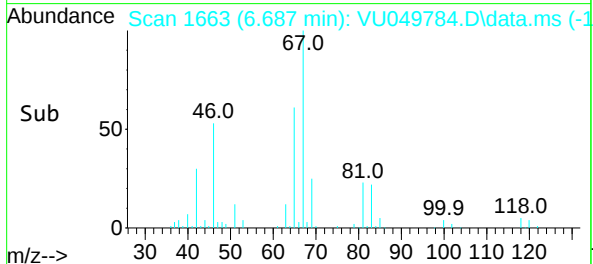
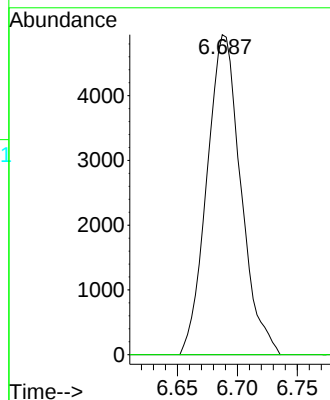
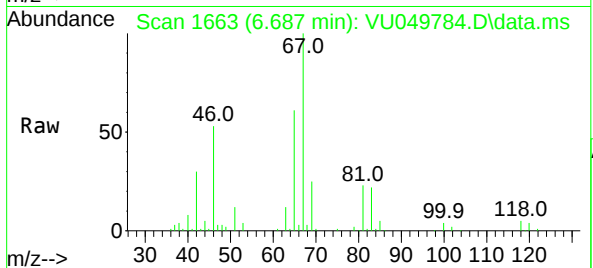
ClientSampleId :

Tgt Ion: 63 Resp: 9721

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.922 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU049784.D

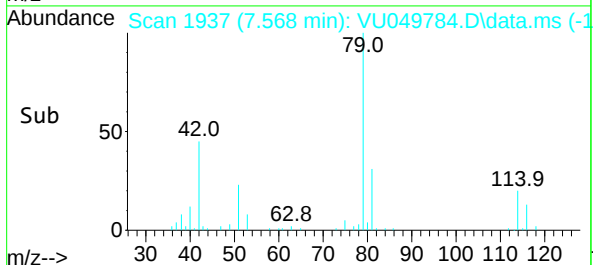
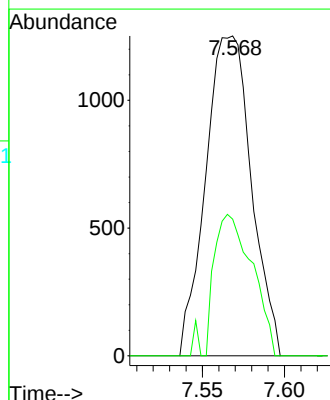
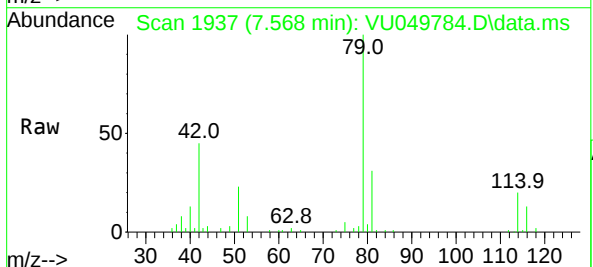
Acq: 19 Jul 2022 14:53

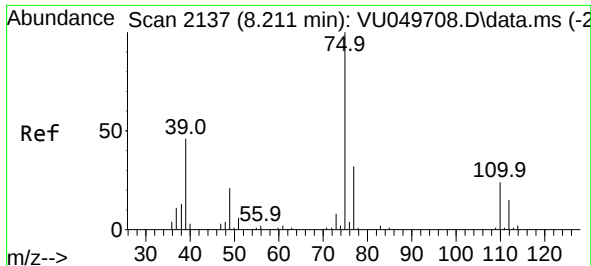
Tgt Ion: 75 Resp: 2429

Ion Ratio Lower Upper

75 100

77 42.7 22.6 42.0#

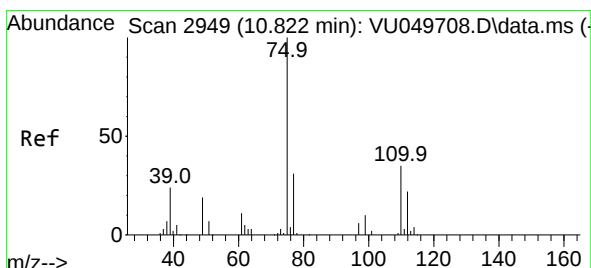
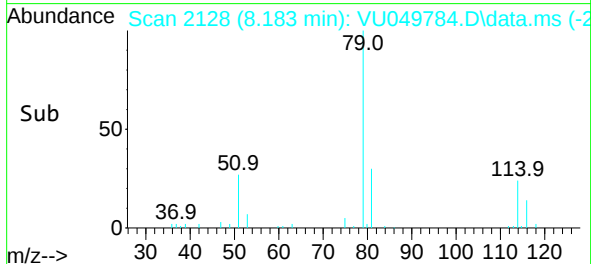
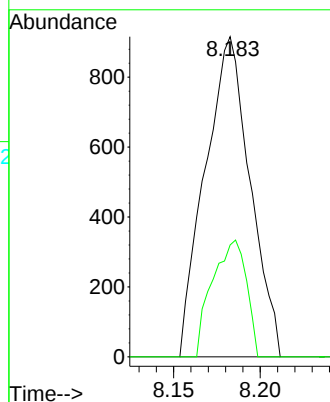
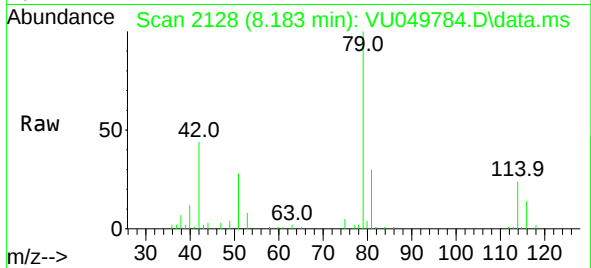




#44
trans-1,3-Dichloropropene
Concen: 0.669 ug/L
RT: 8.183 min Scan# 2137
Delta R.T. -0.025 min
Lab File: VU049784.D
Acq: 19 Jul 2022 14:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1654
Ion Ratio Lower Upper
75 100
77 34.9 22.5 41.9



#60
1,2,3-Trichloropropane
Concen: 5.157 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU049784.D
Acq: 19 Jul 2022 14:53

Tgt Ion: 75 Resp: 11990
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
110 2.4 28.9 43.3#

