

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050140.D
 Acq On : 08 Aug 2022 17:15
 Operator : SY/MD
 Sample : N4027-15DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJH8DL

Quant Time: Aug 09 01:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

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

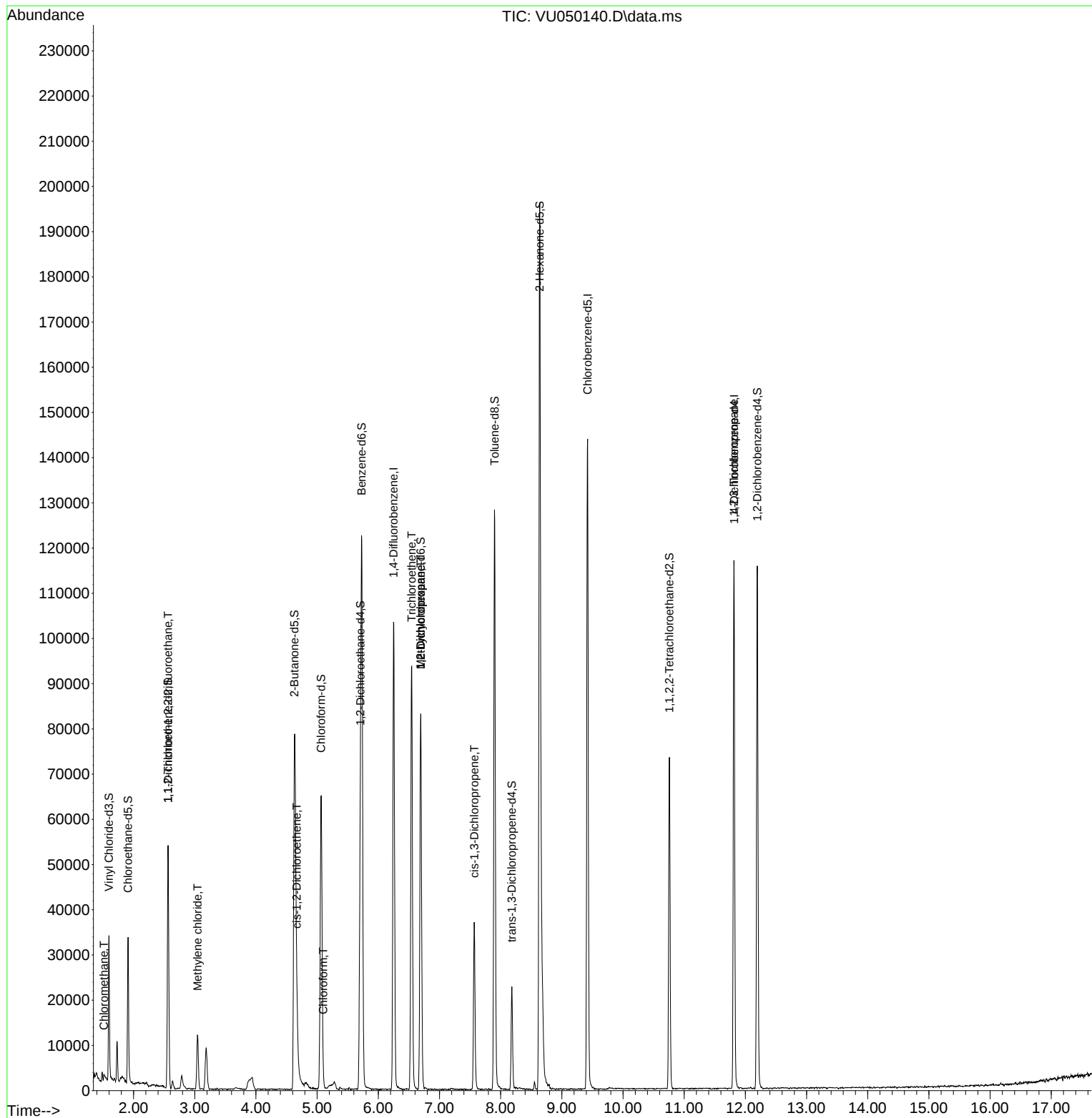
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84277	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	84523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	32552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	24205	3.451	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.000%	
7) Chloroethane-d5	1.909	69	23417	4.138	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.562	65	10406	3.796	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	4.629	46	101330	59.246	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.500%	
24) Chloroform-d	5.063	84	62143	4.764	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.706	65	34053	5.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.729	84	114926	4.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.694	67	42455	4.888	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.899	98	89624	3.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	8.182	79	13339	4.286	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.636	63	61933	56.110	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.220%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38131	4.999	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	32419	5.083	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
3) Chloromethane	1.517	50	1522	0.151	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	281	0.051	ug/L #	22
16) Methylene chloride	3.047	84	5974	0.671	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	3405	0.470	ug/L	90
25) Chloroform	5.099	83	1215	0.092	ug/L	84
34) Trichloroethene	6.546	95	33517	4.680	ug/L	99
35) Methylcyclohexane	6.694	83	9520	1.030	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4177	0.530	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1042	0.101	ug/L #	60
61) 1,2,3-Trichloropropane	11.812	75	4052	0.914	ug/L #	68

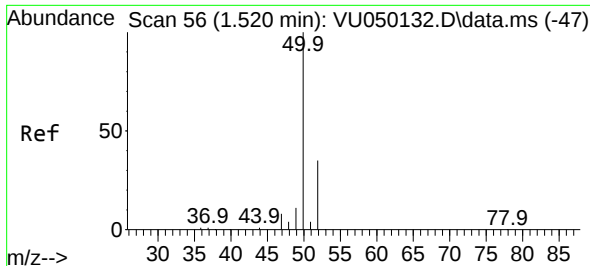
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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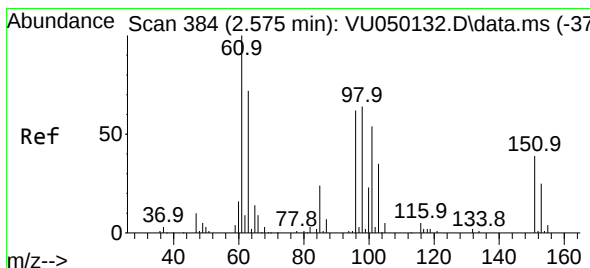
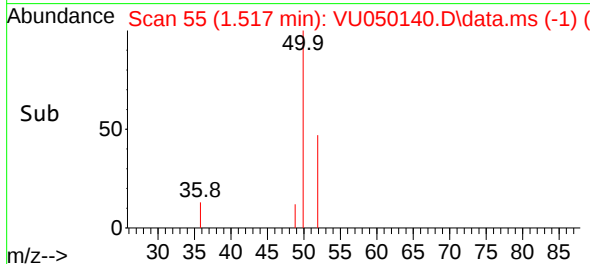
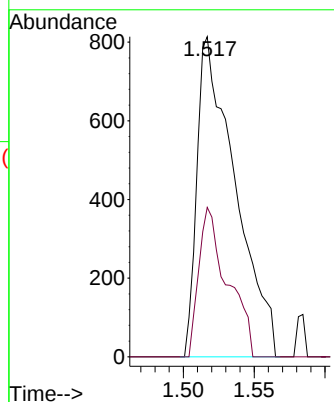
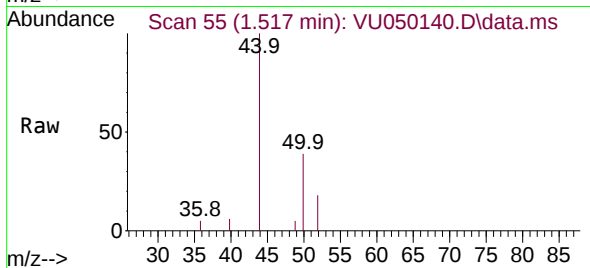




#3
Chloromethane
Concen: 0.151 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050140.D
Acq: 08 Aug 2022 17:15

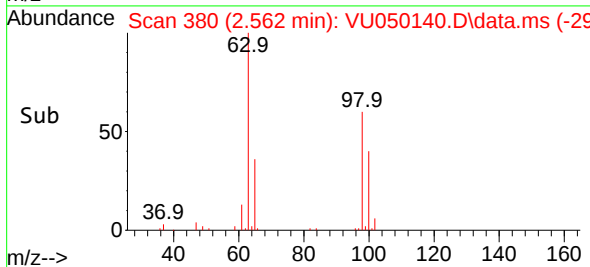
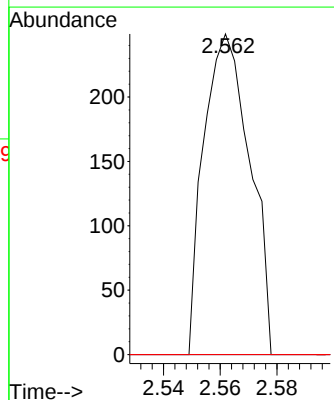
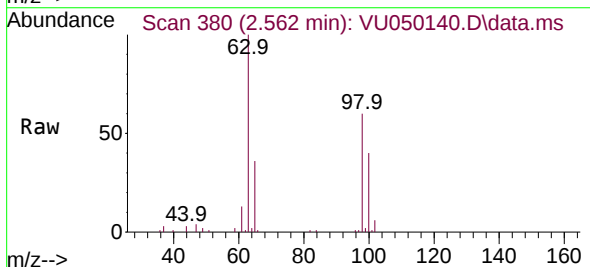
Instrument :
MSVOA_U
ClientSampleId :
GBJH8DL

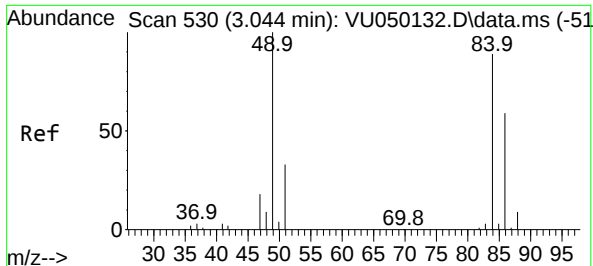
Tgt Ion: 50 Resp: 1522
Ion Ratio Lower Upper
50 100
52 46.7 23.2 43.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050140.D
Acq: 08 Aug 2022 17:15

Tgt Ion: 101 Resp: 281
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

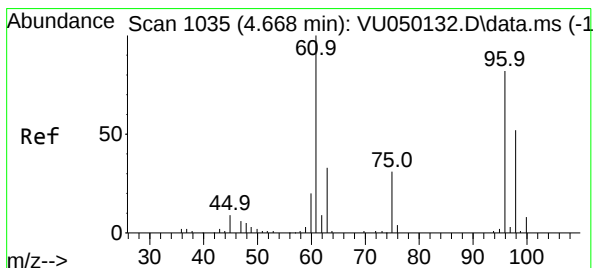
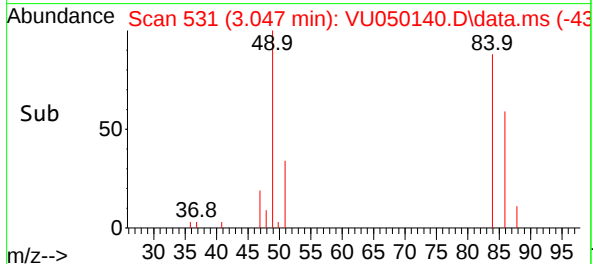
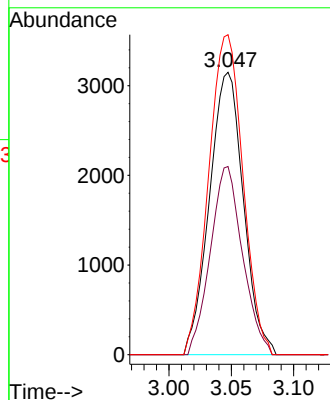
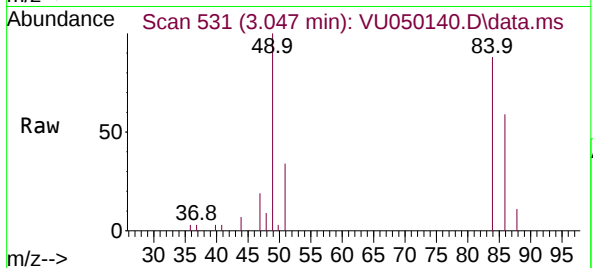




#16
Methylene chloride
Concen: 0.671 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050140.D
Acq: 08 Aug 2022 17:15

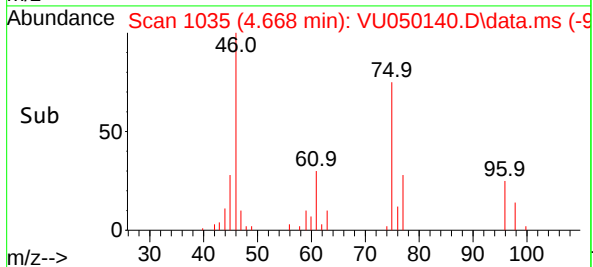
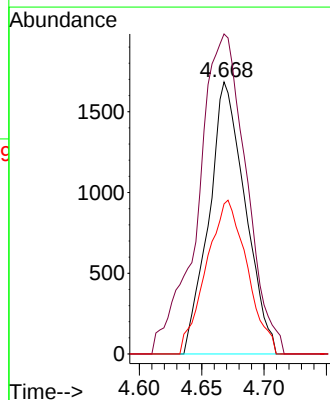
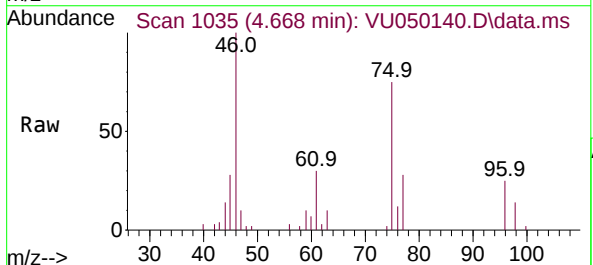
Instrument :
MSVOA_U
ClientSampleId :
GBJH8DL

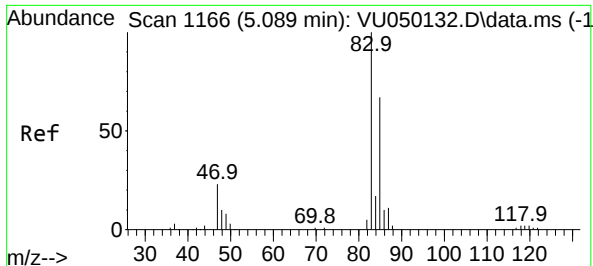
Tgt Ion: 84 Resp: 5974
Ion Ratio Lower Upper
84 100
86 66.6 45.9 85.3
49 117.2 77.6 144.0



#22
cis-1,2-Dichloroethene
Concen: 0.470 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050140.D
Acq: 08 Aug 2022 17:15

Tgt Ion: 96 Resp: 3405
Ion Ratio Lower Upper
96 100
61 117.6 89.0 165.4
98 55.2 45.2 84.0





#25

Chloroform

Concen: 0.092 ug/L

RT: 5.099 min Scan# 1166

Delta R.T. 0.010 min

Lab File: VU050140.D

Acq: 08 Aug 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

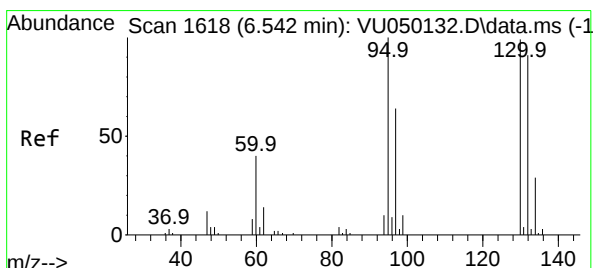
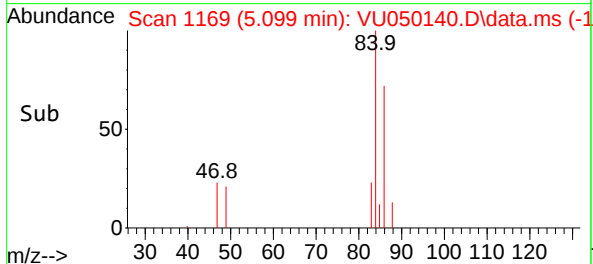
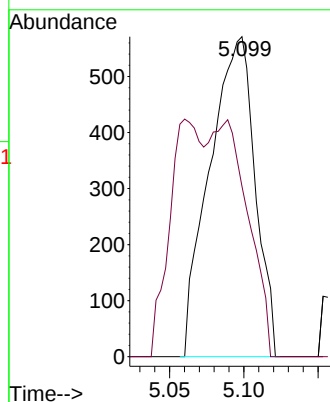
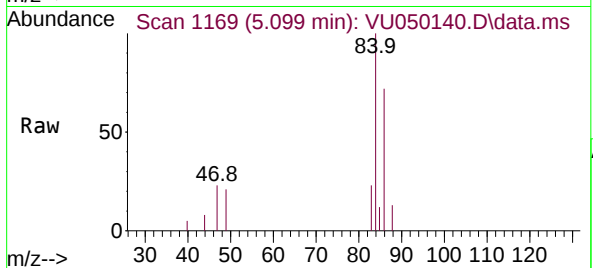
GBJH8DL

Tgt Ion: 83 Resp: 1215

Ion Ratio Lower Upper

83 100

85 53.2 46.1 85.5



#34

Trichloroethene

Concen: 4.680 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU050140.D

Acq: 08 Aug 2022 17:15

Tgt Ion: 95 Resp: 33517

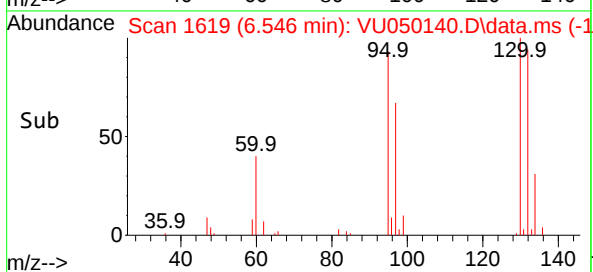
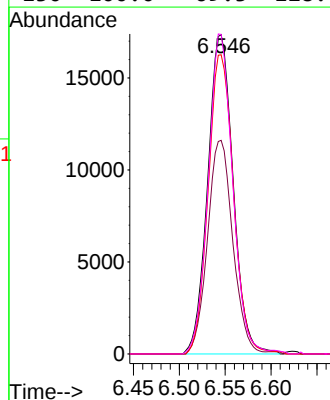
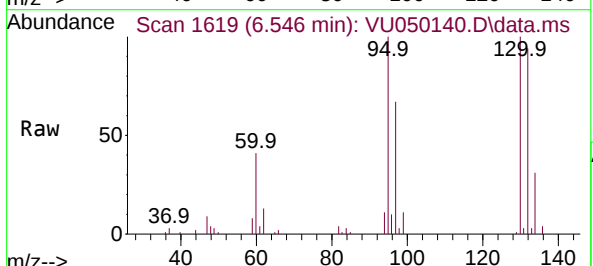
Ion Ratio Lower Upper

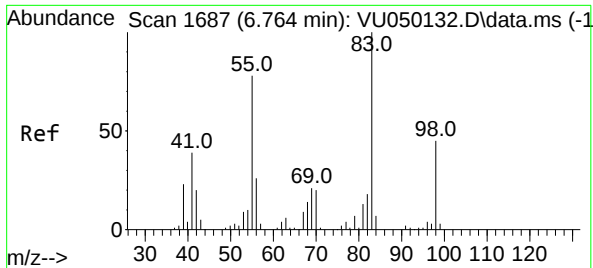
95 100

97 66.9 45.6 84.8

132 93.7 65.0 120.6

130 100.0 69.3 128.7

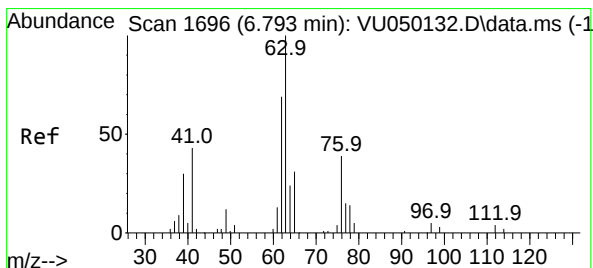
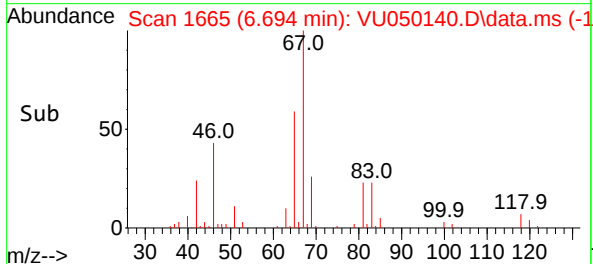
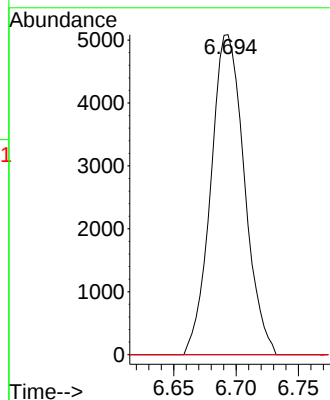
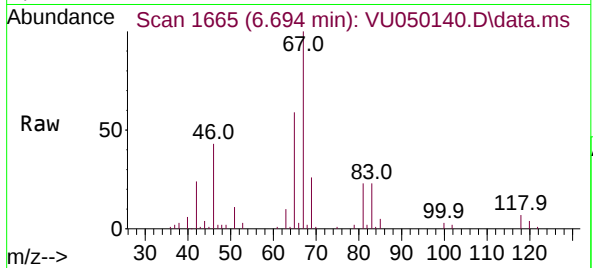




#35
Methylcyclohexane
Concen: 1.030 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050140.D
Acq: 08 Aug 2022 17:15

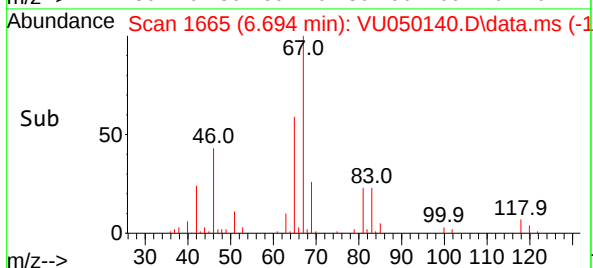
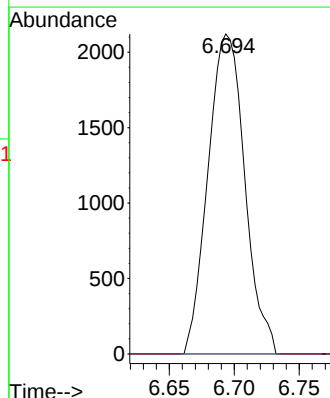
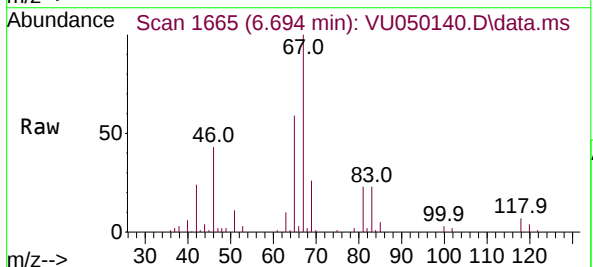
Instrument :
MSVOA_U
ClientSampleId :
GBJH8DL

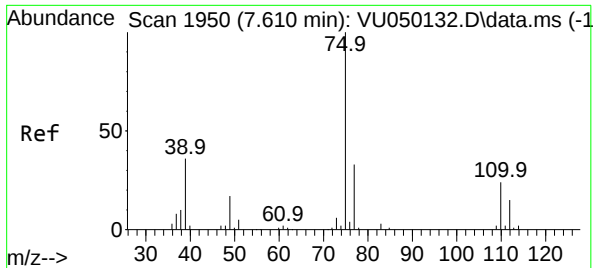
Tgt Ion: 83 Resp: 9520
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU050140.D
Acq: 08 Aug 2022 17:15

Tgt Ion: 63 Resp: 4177
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

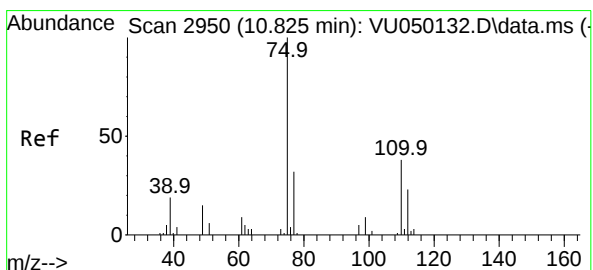
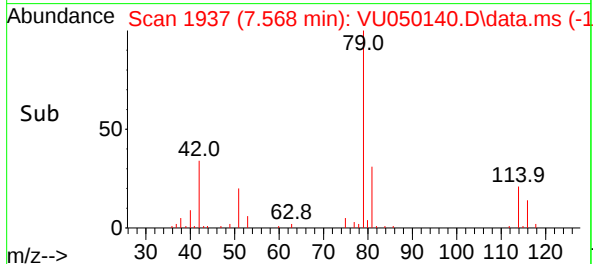
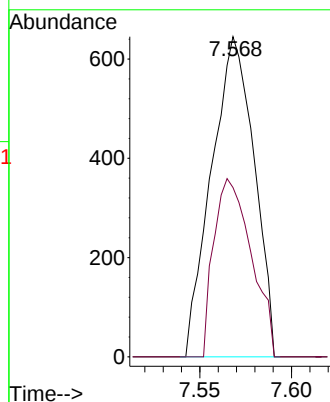
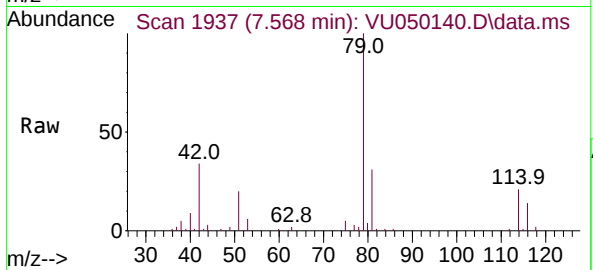




#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.568 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU050140.D
Acq: 08 Aug 2022 17:15

Instrument :
MSVOA_U
ClientSampleId :
GBJH8DL

Tgt Ion: 75 Resp: 1042
Ion Ratio Lower Upper
75 100
77 52.9 21.8 40.4#



#61
1,2,3-Trichloropropane
Concen: 0.914 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050140.D
Acq: 08 Aug 2022 17:15

Tgt Ion: 75 Resp: 4052
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 32.1 25.8 38.6

