

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050139.D
 Acq On : 08 Aug 2022 16:50
 Operator : SY/MD
 Sample : N4027-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJH7DL

Quant Time: Aug 09 01:57:54 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)

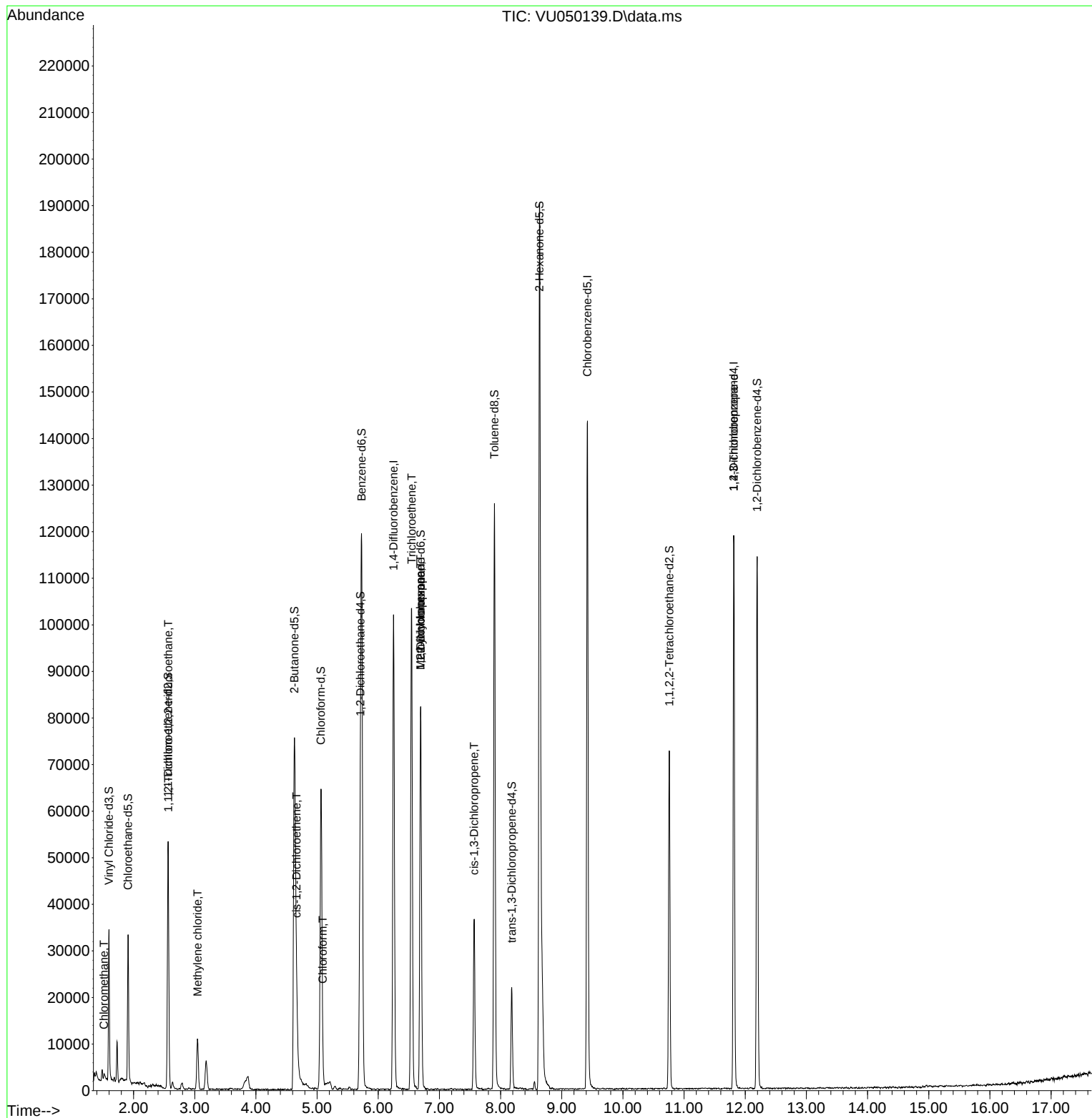
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	84170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32673	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	23801	3.392	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.800%	
7) Chloroethane-d5	1.909	69	23477	4.147	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.000%	
11) 1,1-Dichloroethene-d2	2.565	65	9744	3.553	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.000%	
20) 2-Butanone-d5	4.629	46	101934	59.571	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.140%	
24) Chloroform-d	5.063	84	61279	4.695	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.706	65	33514	5.001	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.729	84	113346	4.315	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.694	67	42219	4.881	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.899	98	88957	3.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.600%	
43) trans-1,3-Dichloroprop...	8.182	79	13403	4.324	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.636	63	61034	55.528	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.060%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37700	4.963	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	32559	5.086	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						
3) Chloromethane	1.517	50	1725	0.171	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	311	0.056	ug/L #	22
16) Methylene chloride	3.047	84	5558	0.624	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	3858	0.533	ug/L	94
25) Chloroform	5.092	83	1374	0.104	ug/L	99
34) Trichloroethene	6.546	95	37387	5.242	ug/L	98
35) Methylcyclohexane	6.690	83	9406	1.022	ug/L #	24
37) 1,2-Dichloropropane	6.690	63	4106	0.523	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	946	0.092	ug/L #	76
61) 1,2,3-Trichloropropane	11.812	75	4044	0.909	ug/L #	68

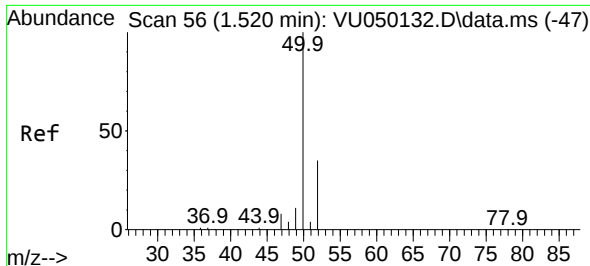
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
Data File : VU050139.D
Acq On : 08 Aug 2022 16:50
Operator : SY/MD
Sample : N4027-14DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJH7DL

Quant Time: Aug 09 01:57:54 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

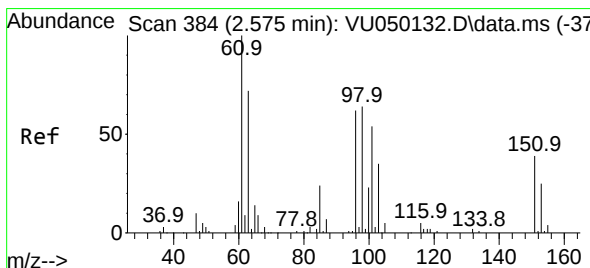
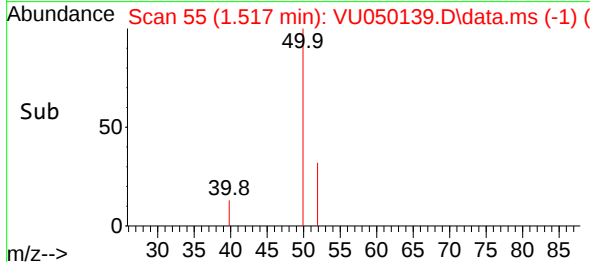
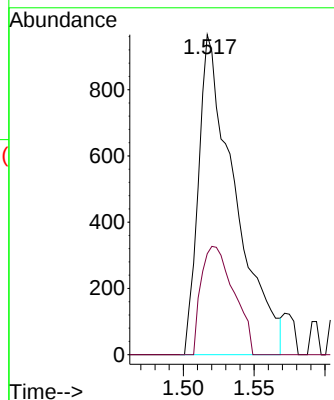
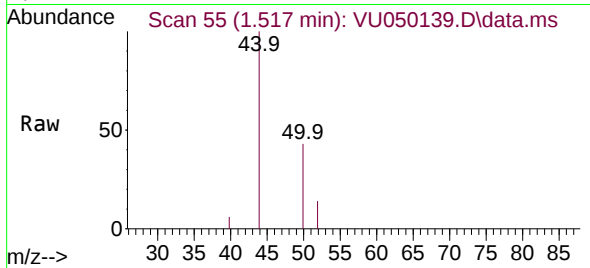




#3
Chloromethane
Concen: 0.171 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050139.D
Acq: 08 Aug 2022 16:50

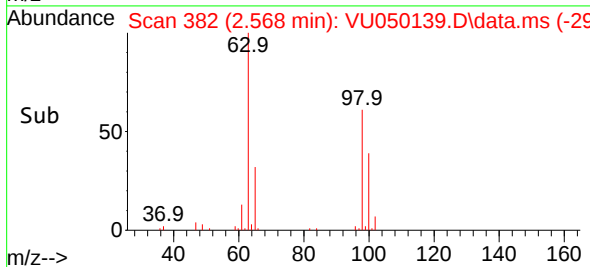
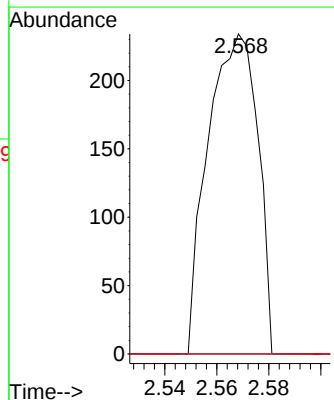
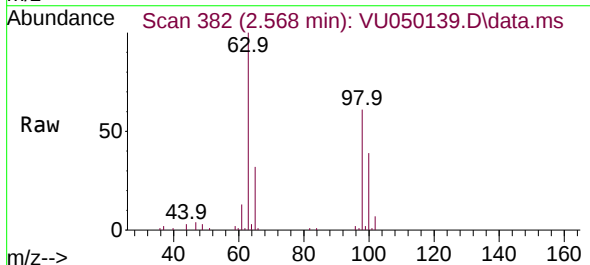
Instrument :
MSVOA_U
ClientSampleId :
GBJH7DL

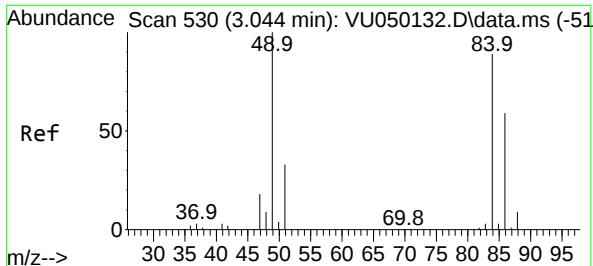
Tgt Ion: 50 Resp: 1725
Ion Ratio Lower Upper
50 100
52 31.6 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU050139.D
Acq: 08 Aug 2022 16:50

Tgt Ion: 101 Resp: 311
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

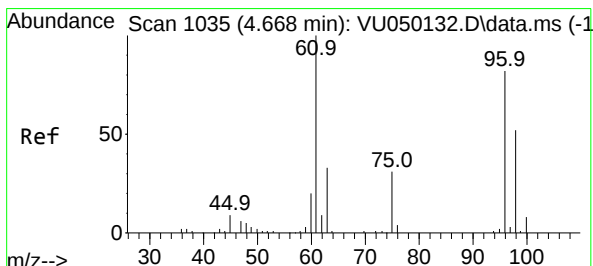
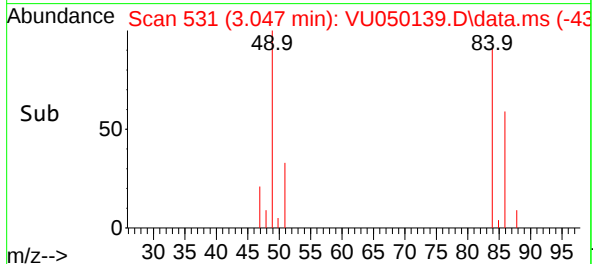
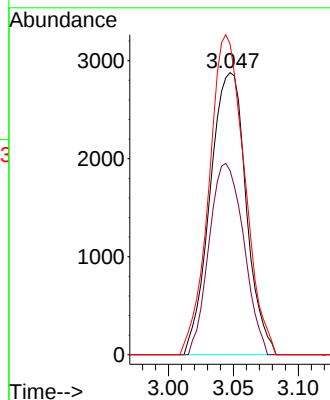
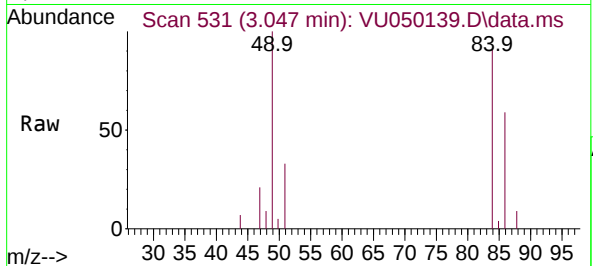




#16
Methylene chloride
Concen: 0.624 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050139.D
Acq: 08 Aug 2022 16:50

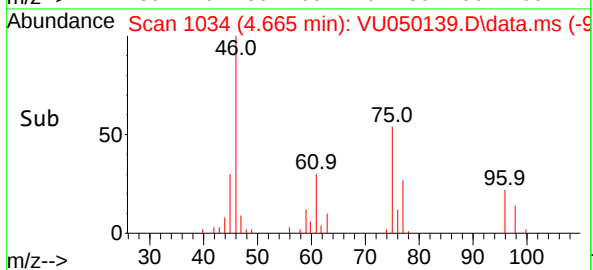
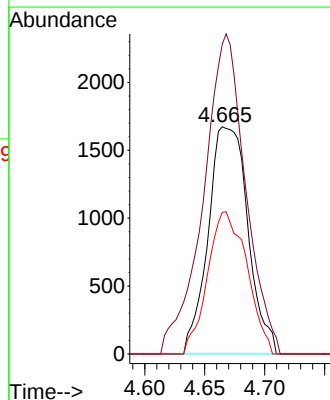
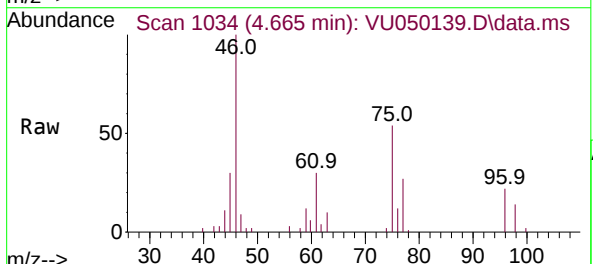
Instrument :
MSVOA_U
ClientSampleId :
GBJH7DL

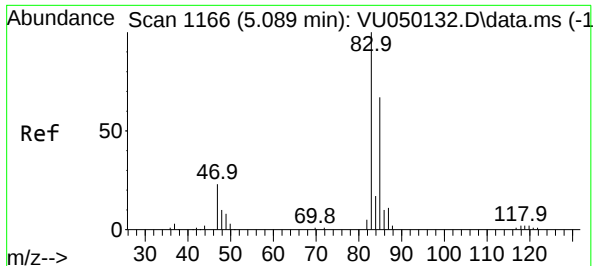
Tgt Ion: 84 Resp: 5558
Ion Ratio Lower Upper
84 100
86 65.2 45.9 85.3
49 115.3 77.6 144.0



#22
cis-1,2-Dichloroethene
Concen: 0.533 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050139.D
Acq: 08 Aug 2022 16:50

Tgt Ion: 96 Resp: 3858
Ion Ratio Lower Upper
96 100
61 136.3 89.0 165.4
98 62.3 45.2 84.0





#25

Chloroform

Concen: 0.104 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU050139.D

Acq: 08 Aug 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

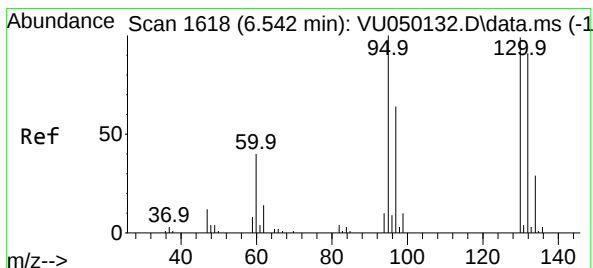
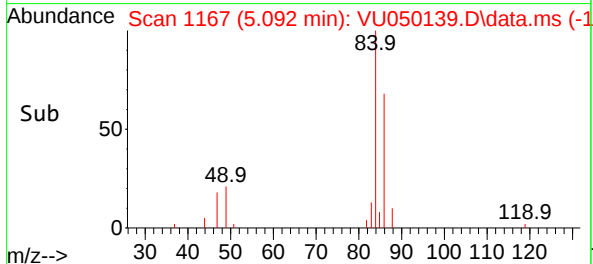
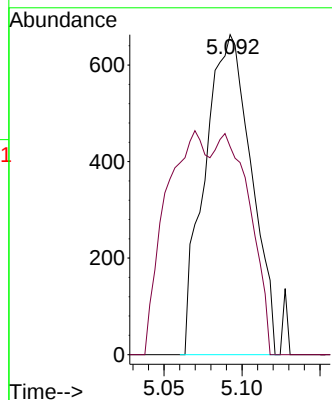
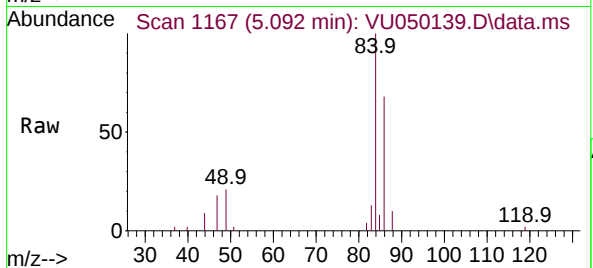
GBJH7DL

Tgt Ion: 83 Resp: 1374

Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.5



#34

Trichloroethene

Concen: 5.242 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU050139.D

Acq: 08 Aug 2022 16:50

Tgt Ion: 95 Resp: 37387

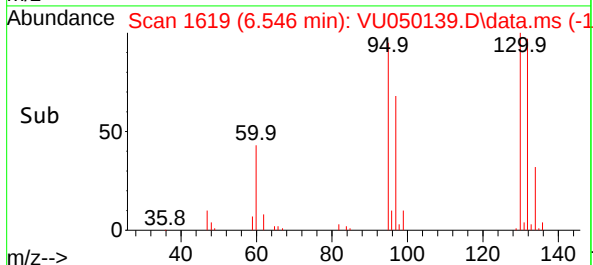
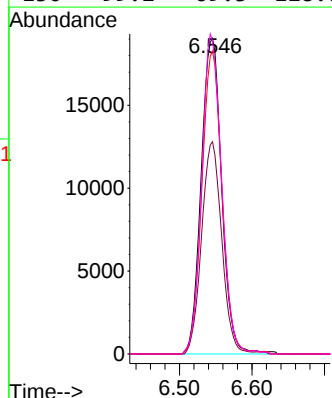
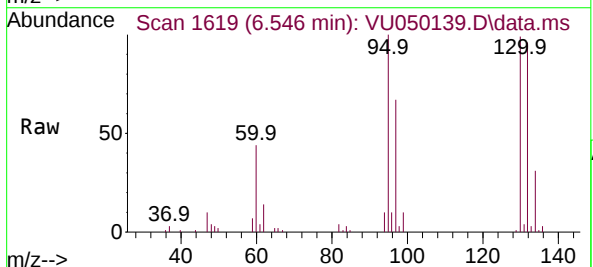
Ion Ratio Lower Upper

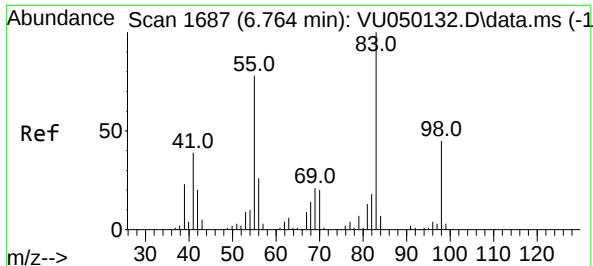
95 100

97 67.2 45.6 84.8

132 96.0 65.0 120.6

130 99.2 69.3 128.7





#35

Methylcyclohexane

Concen: 1.022 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050139.D

Acq: 08 Aug 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

GBJH7DL

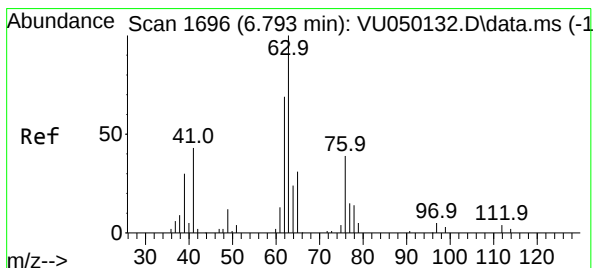
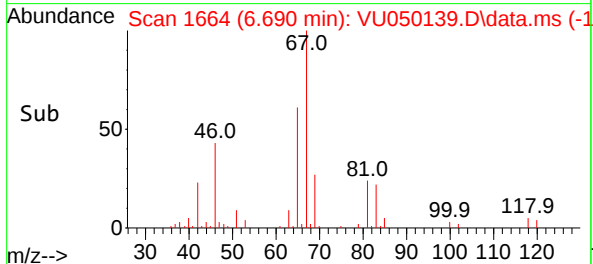
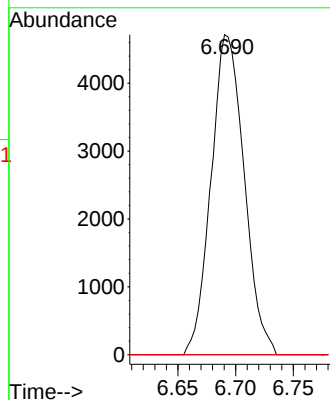
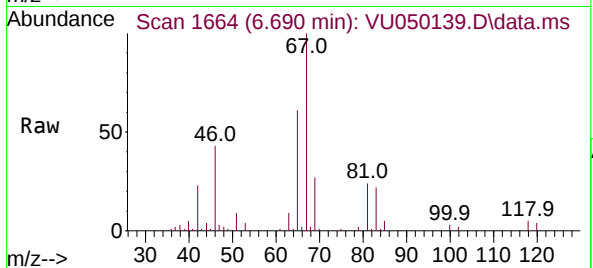
Tgt Ion: 83 Resp: 9406

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 11.1 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050139.D

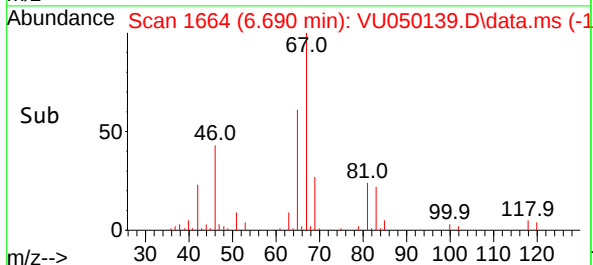
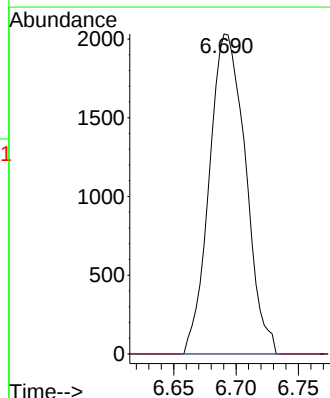
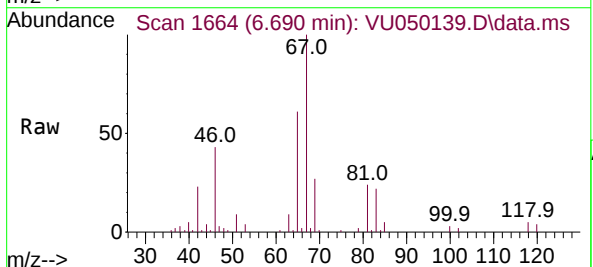
Acq: 08 Aug 2022 16:50

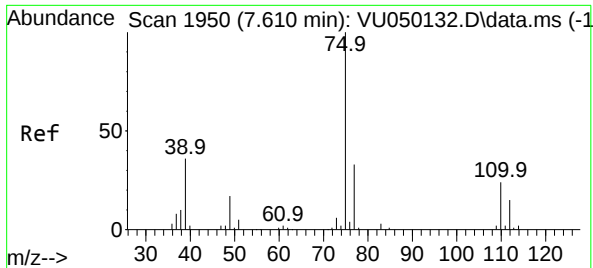
Tgt Ion: 63 Resp: 4106

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU050139.D

Acq: 08 Aug 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

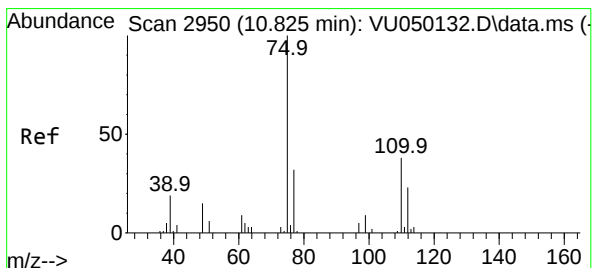
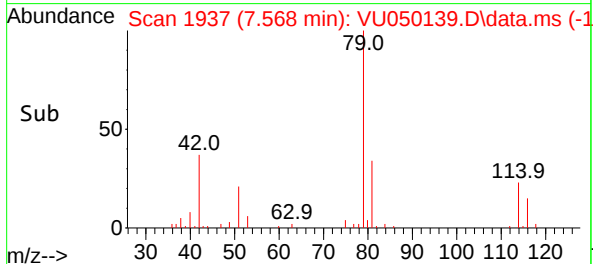
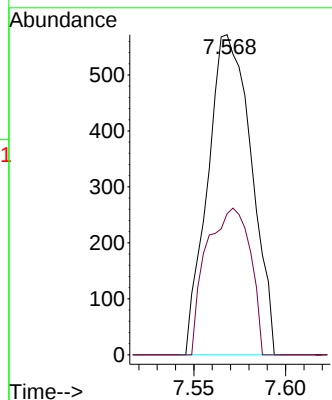
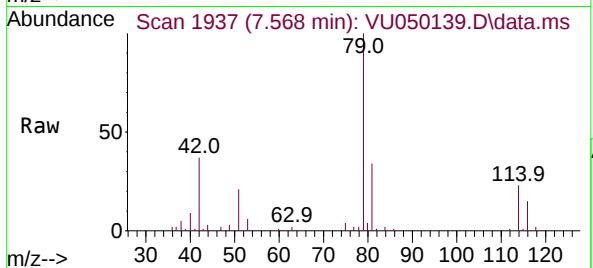
GBJH7DL

Tgt Ion: 75 Resp: 946

Ion Ratio Lower Upper

75 100

77 44.1 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 0.909 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050139.D

Acq: 08 Aug 2022 16:50

Tgt Ion: 75 Resp: 4044

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 32.3 25.8 38.6

