

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049187.D
 Acq On : 15 Jun 2022 22:24
 Operator : SY/MD
 Sample : N3279-03 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BG4

Quant Time: Jun 16 06:31:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

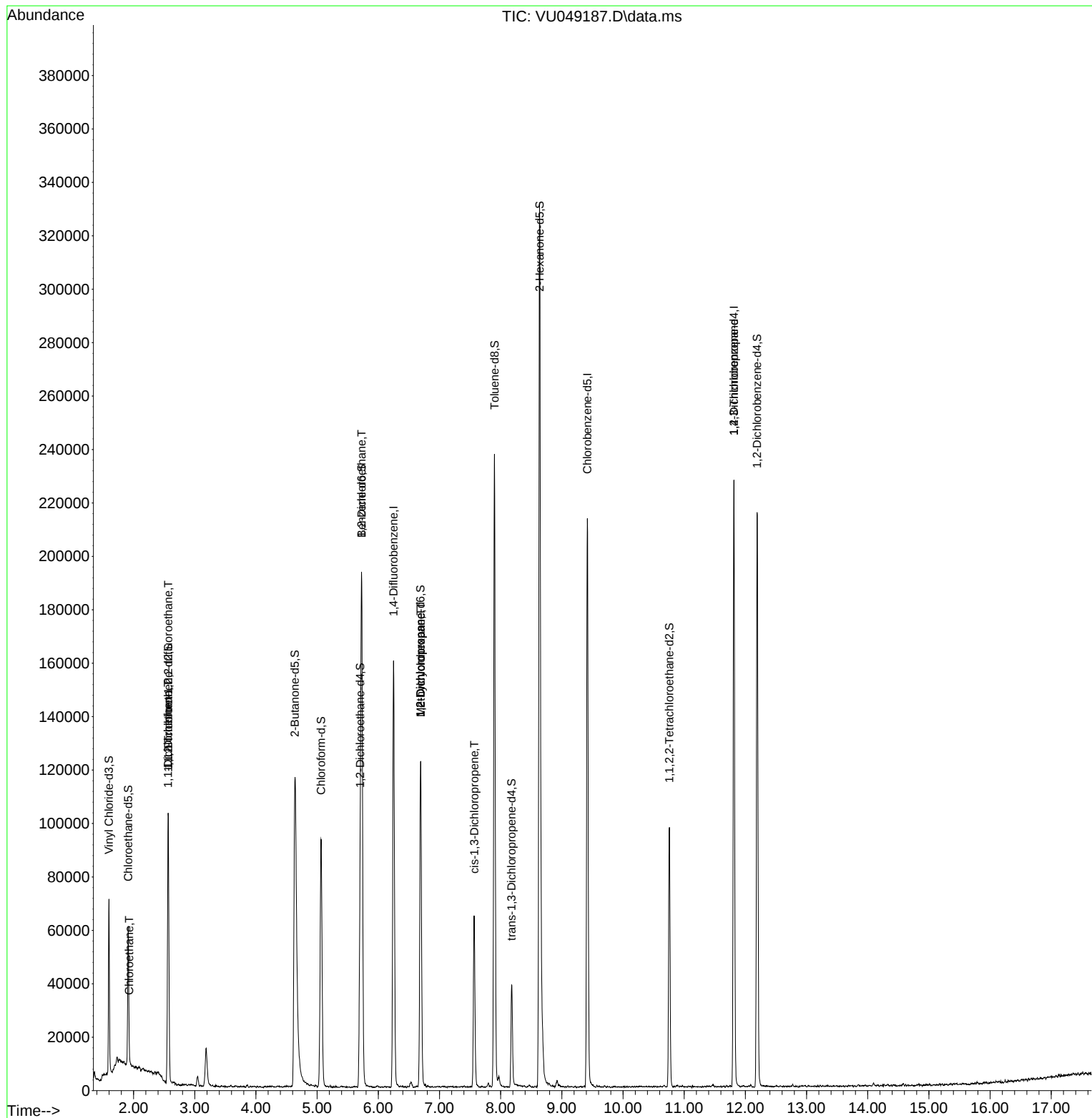
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	125580	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	115817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57297	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44851	4.087	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.800%	
7) Chloroethane-d5	1.912	69	35311	4.753	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.565	65	19663	4.455	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.200%	
20) 2-Butanone-d5	4.636	46	175009	59.733	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.460%	
24) Chloroform-d	5.063	84	84545	4.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.703	65	47778	5.059	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.729	84	170151	4.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.690	67	60269	5.089	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.899	98	151182	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	8.179	79	22267	4.233	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.636	63	116371	54.835	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.680%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50830	5.361	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	55843	5.079	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						Qvalue
8) Chloroethane	1.929	64	543	0.089	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	438	0.060	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	863	0.122	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1093	0.107	ug/L #	74
35) Methylcyclohexane	6.694	83	13215	0.894	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	6517	0.688	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1704	0.118	ug/L #	79
61) 1,2,3-Trichloropropane	11.812	75	7517	1.169	ug/L #	68

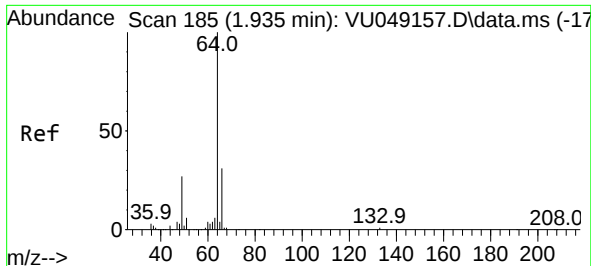
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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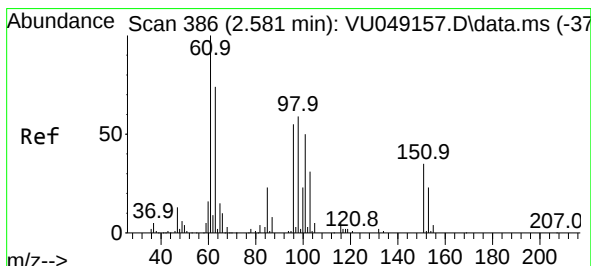
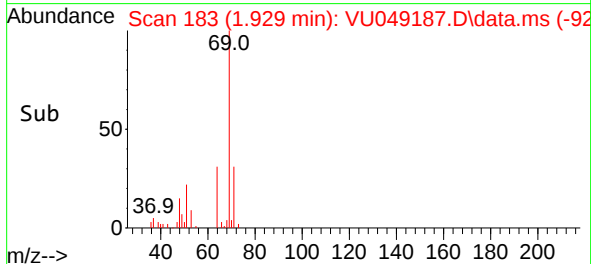
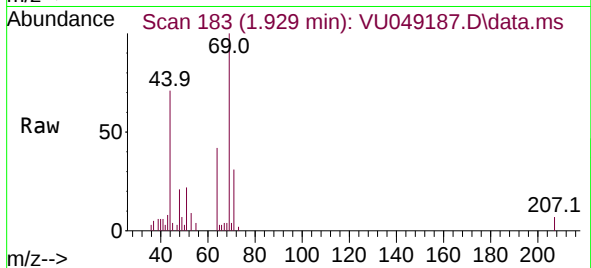




#8
Chloroethane
Concen: 0.089 ug/L
RT: 1.929 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU049187.D
Acq: 15 Jun 2022 22:24

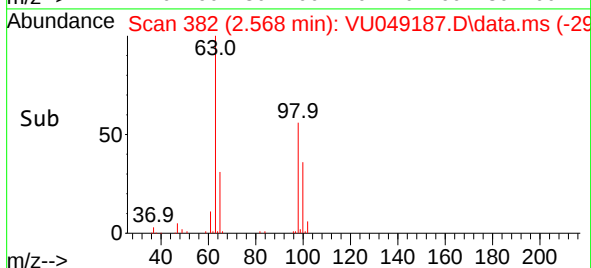
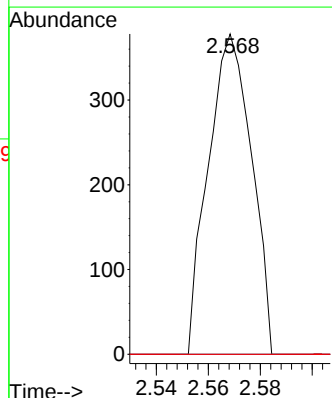
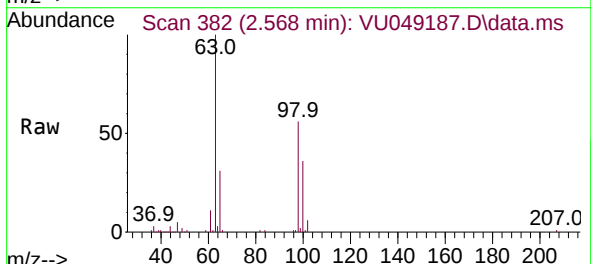
Instrument :
MSVOA_U
ClientSampleId :
C0BG4

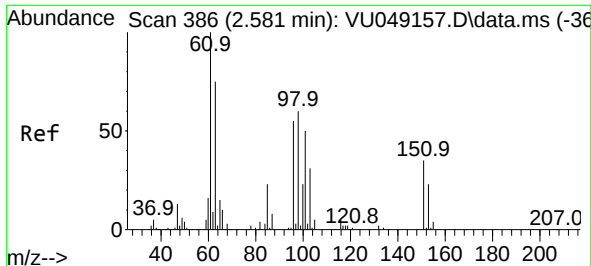
Tgt Ion: 64 Resp: 543
Ion Ratio Lower Upper
64 100
66 6.0 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049187.D
Acq: 15 Jun 2022 22:24

Tgt Ion: 101 Resp: 438
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#





#12

1,1-Dichloroethene

Concen: 0.122 ug/L

RT: 2.562 min Scan# 386

Delta R.T. -0.019 min

Lab File: VU049187.D

Acq: 15 Jun 2022 22:24

Instrument :

MSVOA_U

ClientSampleId :

C0BG4

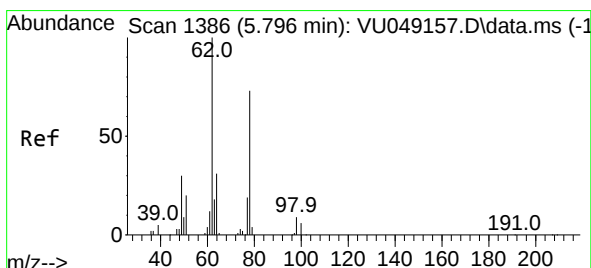
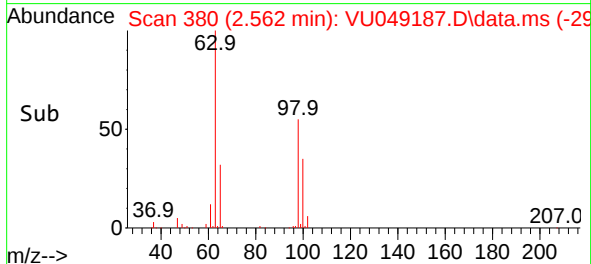
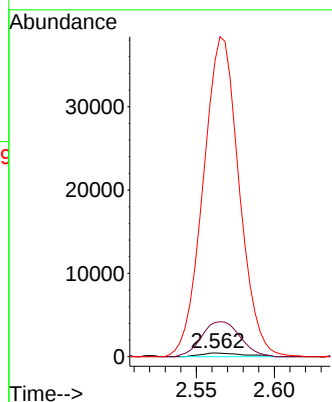
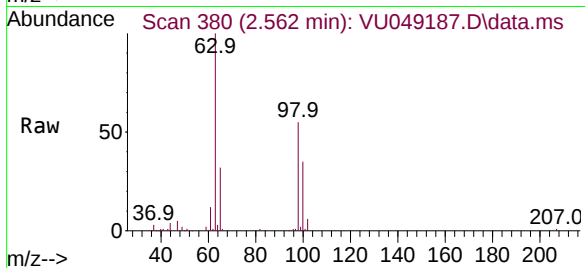
Tgt Ion: 96 Resp: 863

Ion Ratio Lower Upper

96 100

61 910.4 127.2 236.2#

63 7884.7 94.7 175.9#



#27

1,2-Dichloroethane

Concen: 0.107 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.067 min

Lab File: VU049187.D

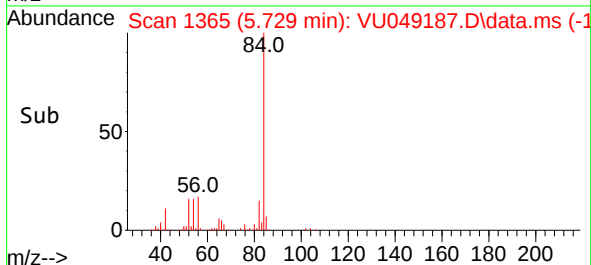
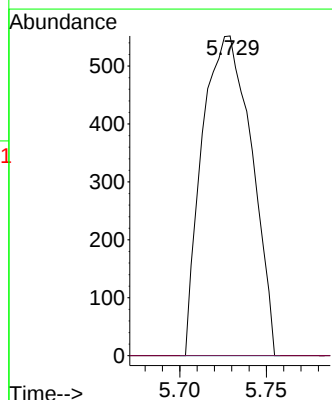
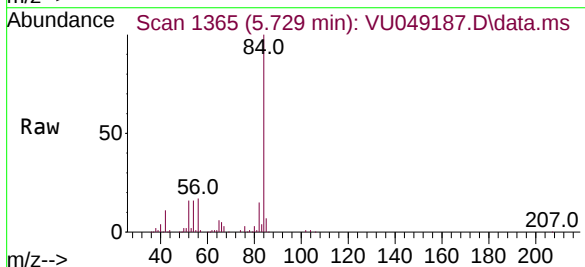
Acq: 15 Jun 2022 22:24

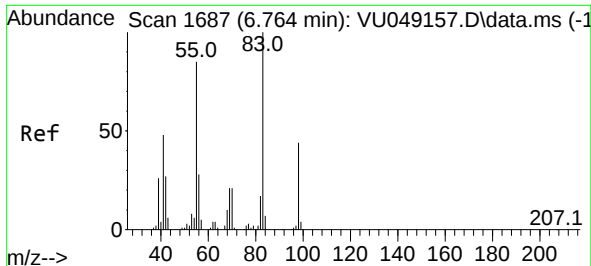
Tgt Ion: 62 Resp: 1093

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#

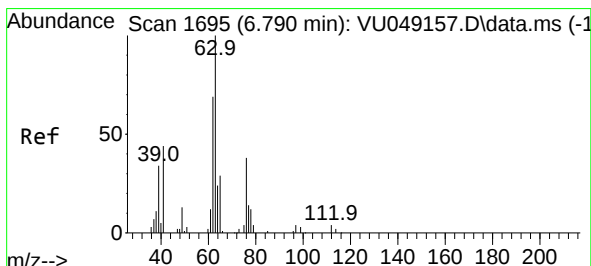
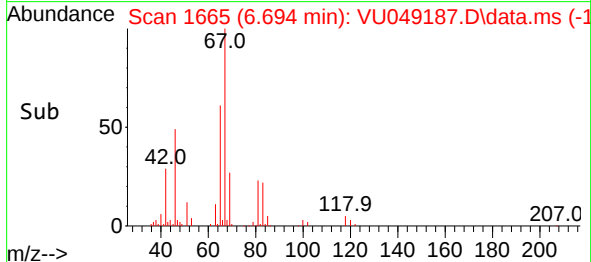
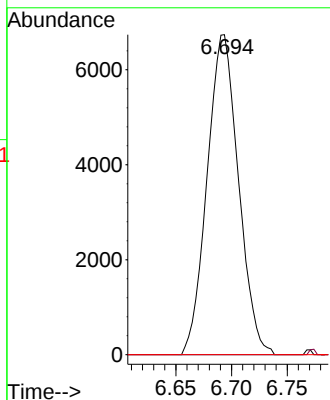
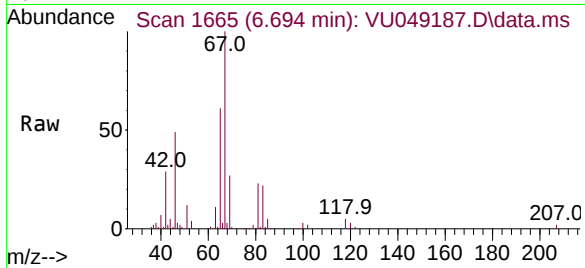




#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049187.D
Acq: 15 Jun 2022 22:24

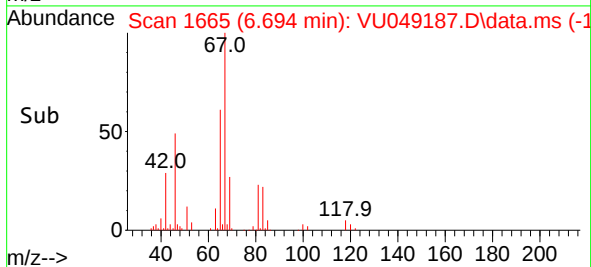
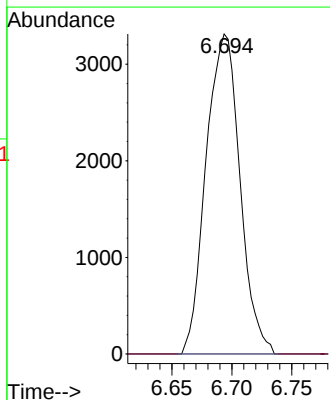
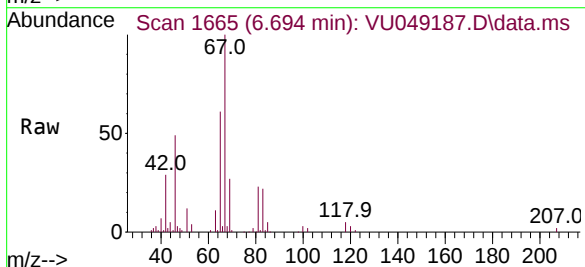
Instrument :
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ClientSampleId :
C0BG4

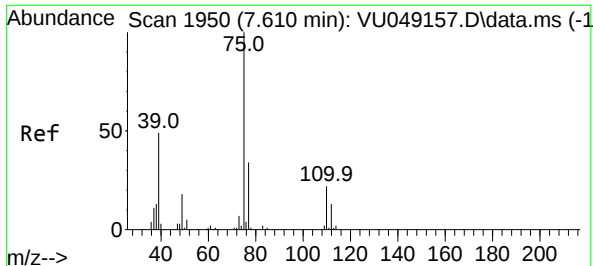
Tgt Ion: 83 Resp: 13215
Ion Ratio Lower Upper
83 100
55 0.3 66.9 100.3#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.688 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.096 min
Lab File: VU049187.D
Acq: 15 Jun 2022 22:24

Tgt Ion: 63 Resp: 6517
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049187.D

Acq: 15 Jun 2022 22:24

Instrument :

MSVOA_U

ClientSampleId :

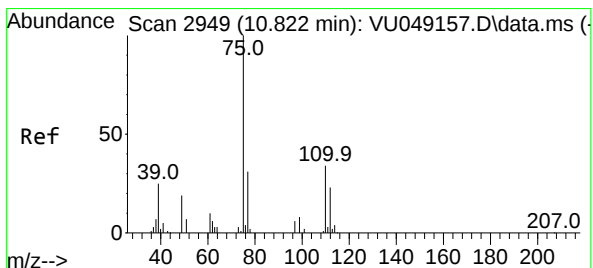
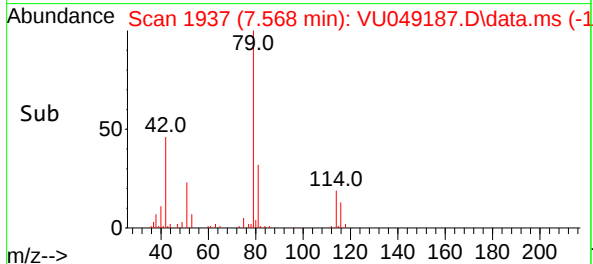
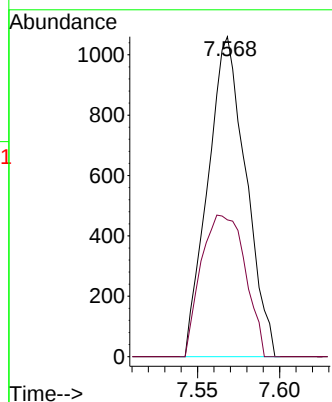
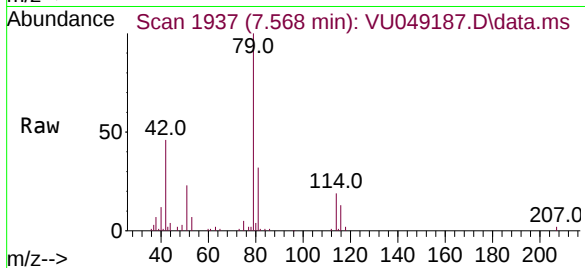
C0BG4

Tgt Ion: 75 Resp: 1704

Ion Ratio Lower Upper

75 100

77 42.7 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.169 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049187.D

Acq: 15 Jun 2022 22:24

Tgt Ion: 75 Resp: 7517

Ion Ratio Lower Upper

75 100

110 1.8 29.0 43.4#

77 34.0 26.2 39.2

