

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049152.D
 Acq On : 15 Jun 2022 06:48
 Operator : SY/MD
 Sample : N3274-18 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 07:25:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:38:08 2022
 Response via : Initial Calibration

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

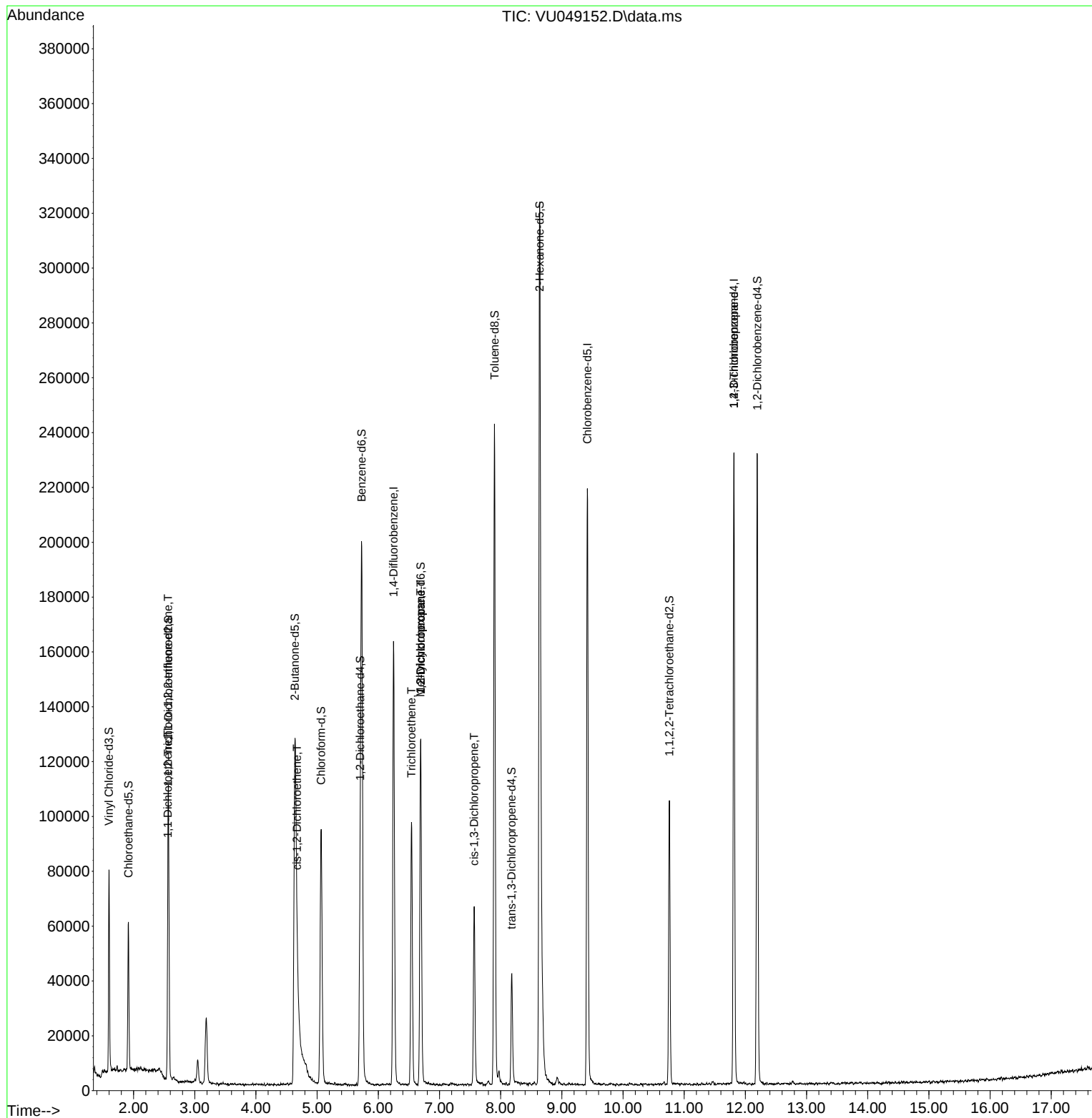
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	129977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	120647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51353	4.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.916	69	37246	4.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.568	65	20980	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.636	46	179143	59.075	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.160%
24) Chloroform-d	5.067	84	87017	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.703	65	50865	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.729	84	177581	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.694	67	61528	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	157204	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.179	79	23542	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.636	63	119503	54.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53609	5.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	58725	5.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	385	0.051	ug/L #	21
12) 1,1-Dichloroethene	2.559	96	1486	0.203	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	938	0.104	ug/L #	63
34) Trichloroethene	6.542	95	32602	3.553	ug/L	95
35) Methylcyclohexane	6.690	83	13522	0.879	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	7027	0.712	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1671	0.111	ug/L	86
61) 1,2,3-Trichloropropane	11.812	75	7948	1.184	ug/L #	68

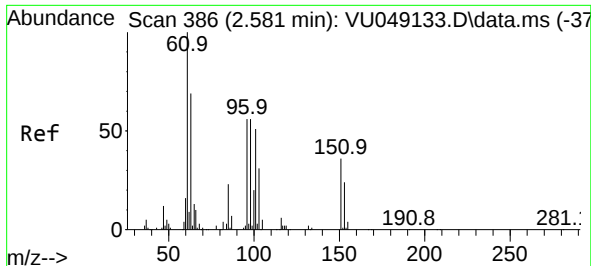
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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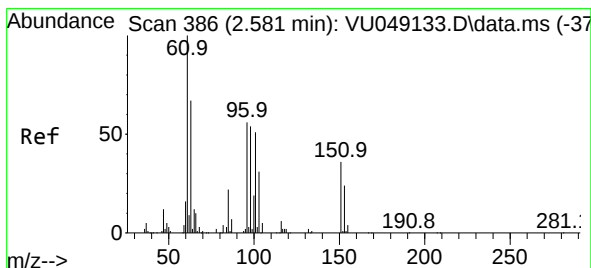
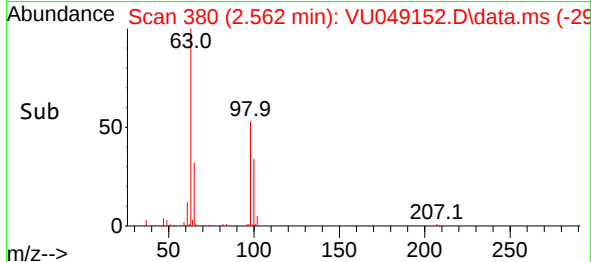
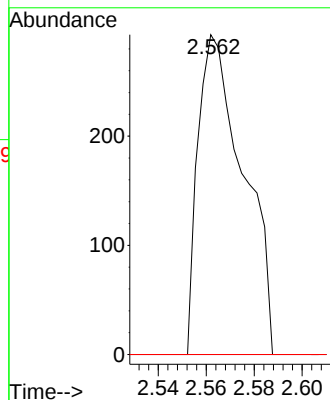
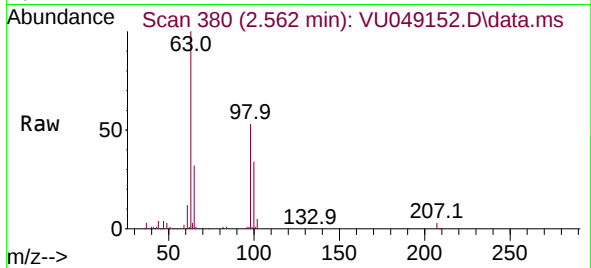




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.562 min Scan# 385
Delta R.T. -0.019 min
Lab File: VU049152.D
Acq: 15 Jun 2022 06:48

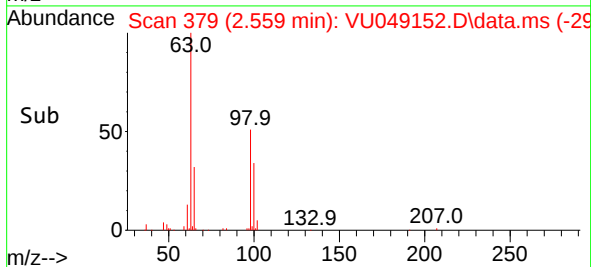
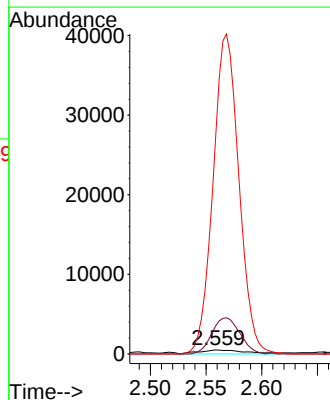
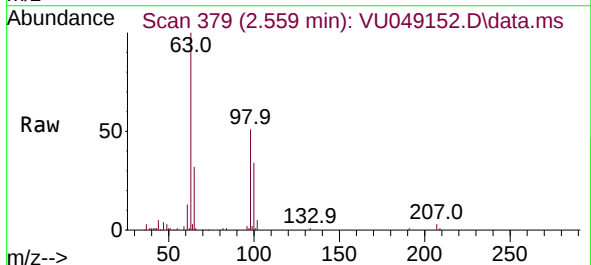
Instrument :
MSVOA_U
ClientSampleId :

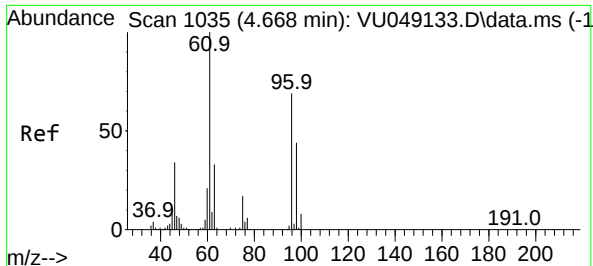
Tgt Ion:101 Resp: 385
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#



#12
1,1-Dichloroethene
Concen: 0.203 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.022 min
Lab File: VU049152.D
Acq: 15 Jun 2022 06:48

Tgt Ion: 96 Resp: 1486
Ion Ratio Lower Upper
96 100
61 700.2 127.2 236.2#
63 5410.3 94.7 175.9#





#22

cis-1,2-Dichloroethene

Concen: 0.104 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU049152.D

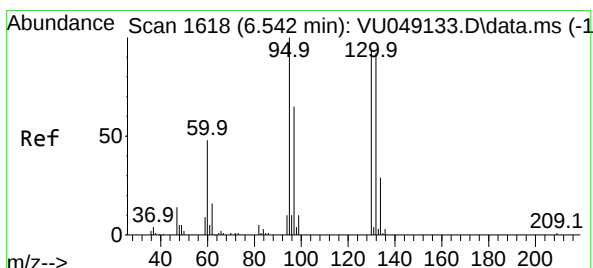
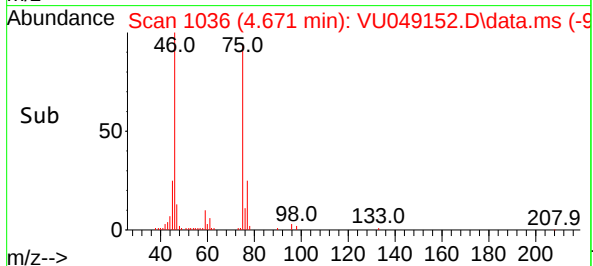
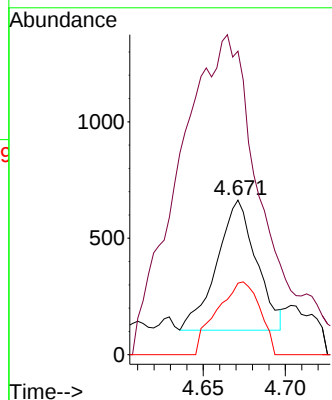
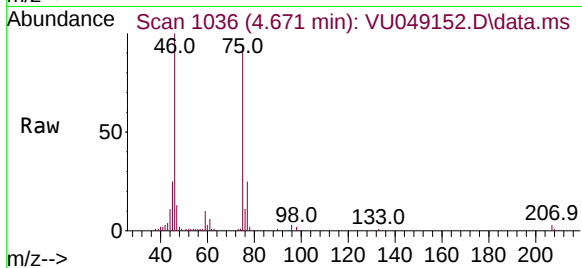
Acq: 15 Jun 2022 06:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	96	Resp:	938
Ion	Ratio	Lower	Upper
96	100		
61	196.2	99.5	184.9#
98	46.2	44.8	83.2



#34

Trichloroethene

Concen: 3.553 ug/L

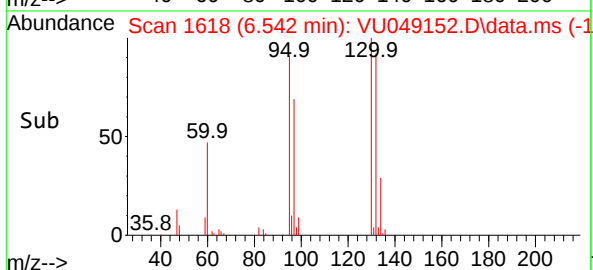
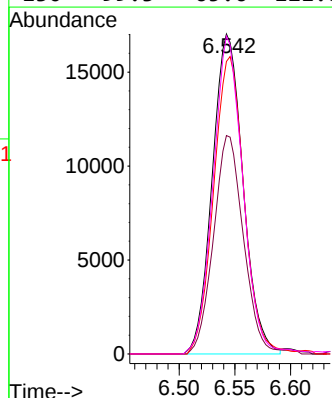
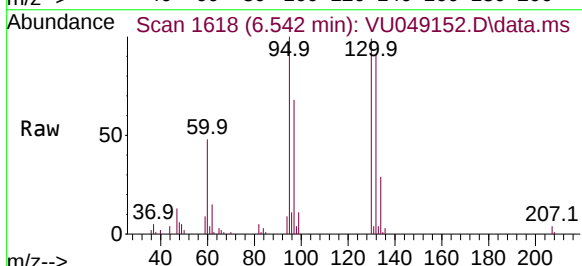
RT: 6.542 min Scan# 1618

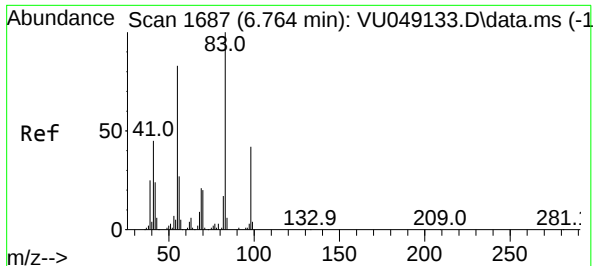
Delta R.T. 0.000 min

Lab File: VU049152.D

Acq: 15 Jun 2022 06:48

Tgt Ion:	95	Resp:	32602
Ion	Ratio	Lower	Upper
95	100		
97	68.3	45.3	84.1
132	91.4	61.5	114.3
130	99.3	65.6	121.8





#35

Methylcyclohexane

Concen: 0.879 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU049152.D

Acq: 15 Jun 2022 06:48

Instrument :

MSVOA_U

ClientSampleId :

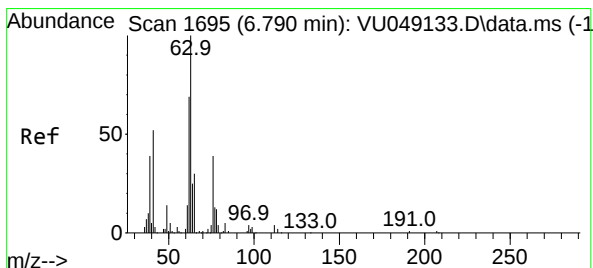
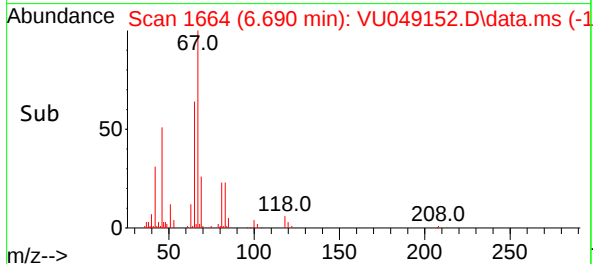
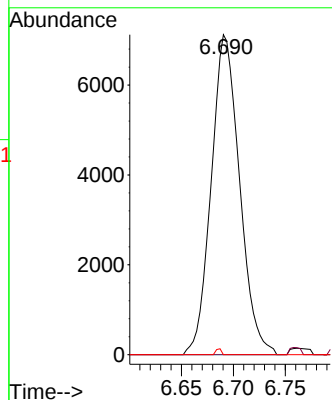
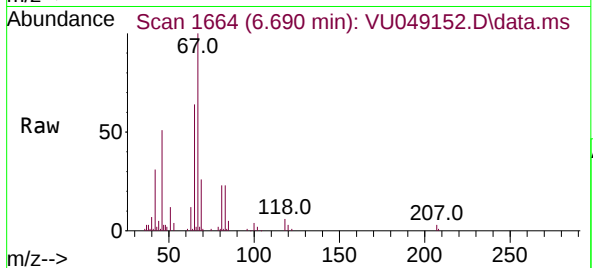
Tgt Ion: 83 Resp: 13522

Ion Ratio Lower Upper

83 100

55 0.8 66.9 100.3#

98 0.3 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.712 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU049152.D

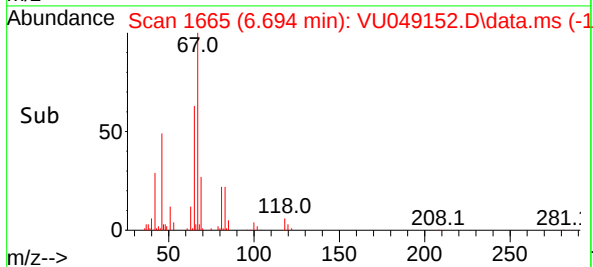
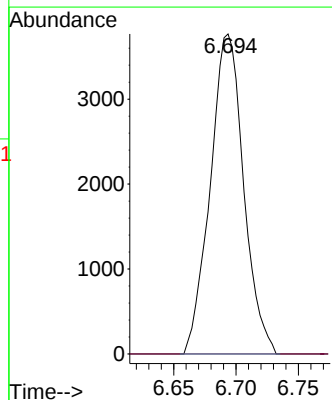
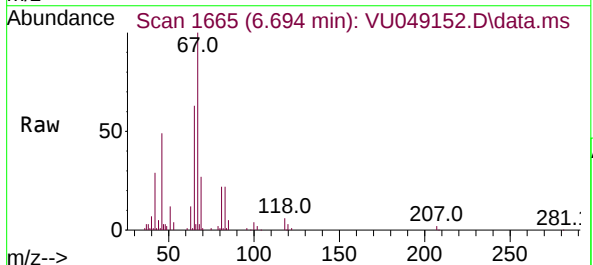
Acq: 15 Jun 2022 06:48

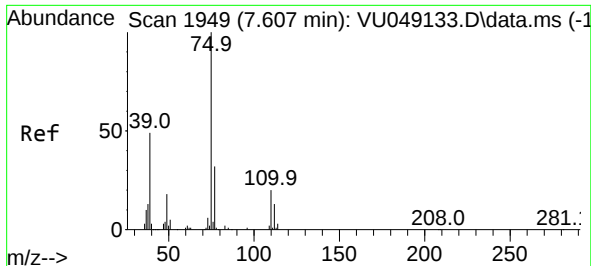
Tgt Ion: 63 Resp: 7027

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049152.D

Acq: 15 Jun 2022 06:48

Instrument :

MSVOA_U

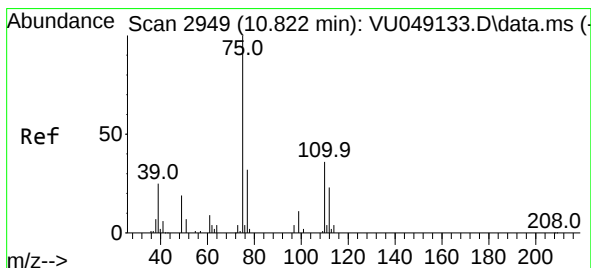
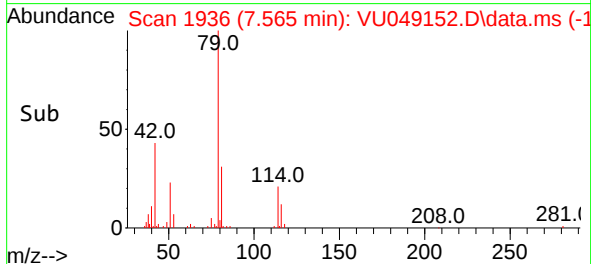
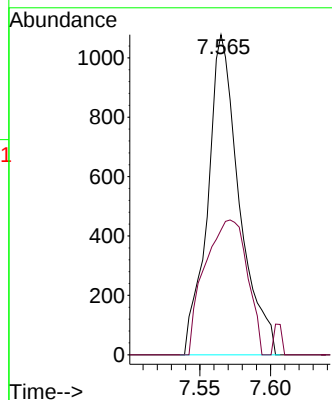
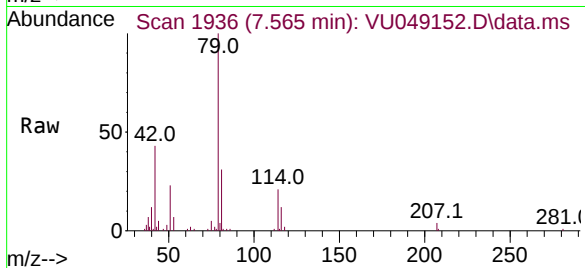
ClientSampleId :

Tgt Ion: 75 Resp: 1671

Ion Ratio Lower Upper

75 100

77 39.0 21.8 40.4



#61

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049152.D

Acq: 15 Jun 2022 06:48

Tgt Ion: 75 Resp: 7948

Ion Ratio Lower Upper

75 100

110 1.9 29.0 43.4#

77 31.2 26.2 39.2

