

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049388.D
 Acq On : 24 Jun 2022 15:36
 Operator : SY/MD
 Sample : N3425-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAM1

Quant Time: Jun 25 00:17:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 00:13:49 2022
 Response via : Initial Calibration

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

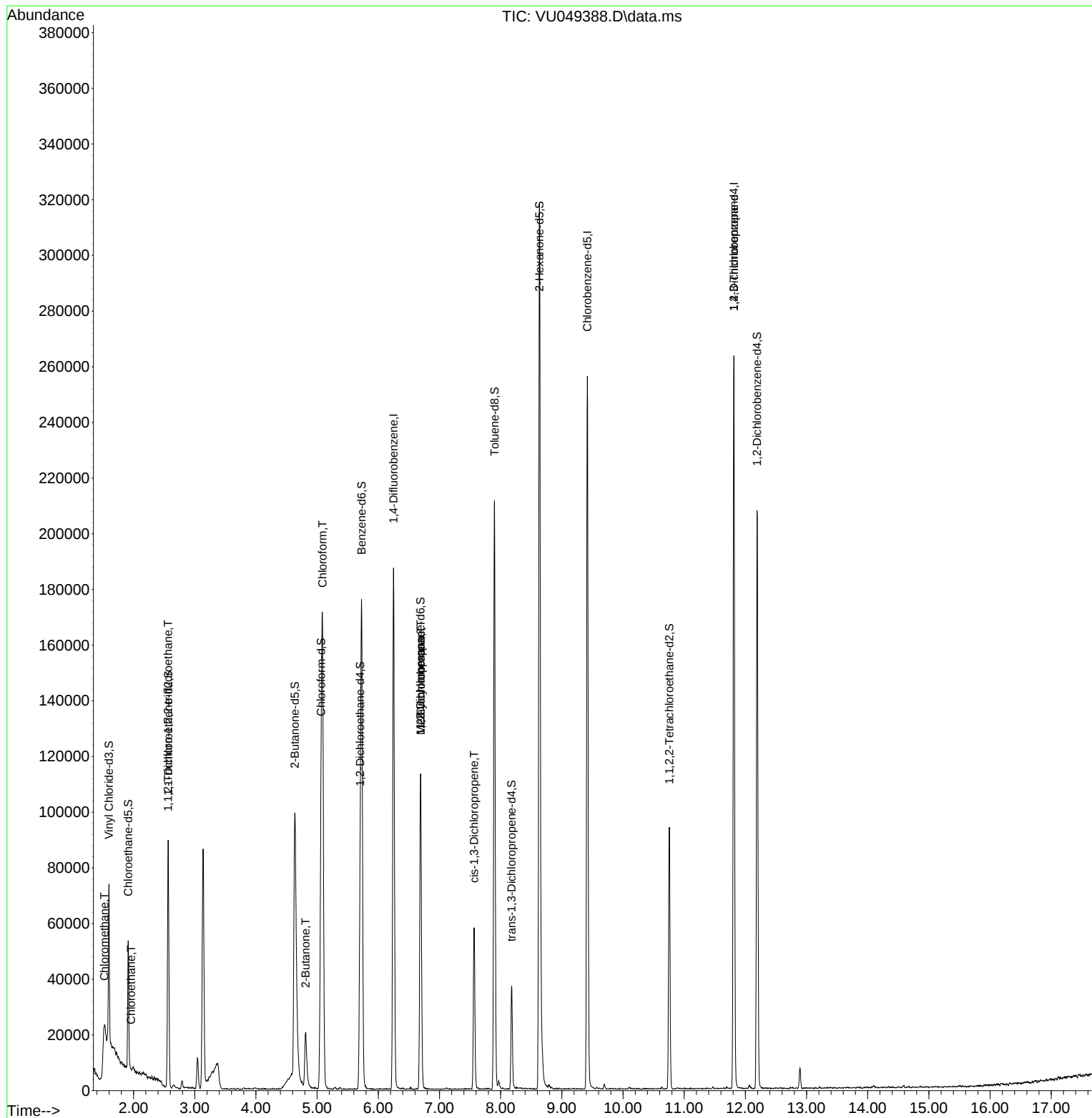
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	146191	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	135550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40270	3.153	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.913	69	31400	3.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.565	65	16543	3.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	4.636	46	159293	46.704	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.400%
24) Chloroform-d	5.064	84	86183	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.703	65	47162	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.726	84	157654	3.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.690	67	54710	3.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.899	98	137270	3.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.179	79	20895	3.394	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.633	63	111355	44.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	47465	4.277	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	52450	4.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
3) Chloromethane	1.523	50	2622	0.191	ug/L	87
8) Chloroethane	1.961	64	634	0.089	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	391	0.046	ug/L #	21
21) 2-Butanone	4.813	43	29169	9.062	ug/L #	51
25) Chloroform	5.089	83	129791	7.200	ug/L	99
35) Methylcyclohexane	6.694	83	11848	0.685	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	5810	0.524	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1659	0.098	ug/L	87
61) 1,2,3-Trichloropropane	11.812	75	8598	1.147	ug/L #	66

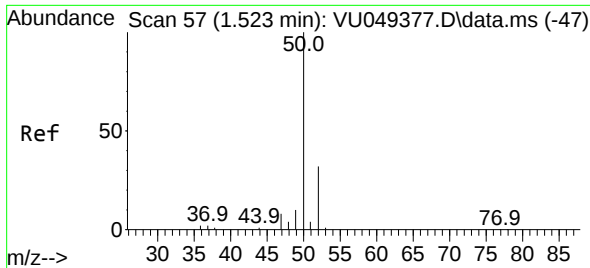
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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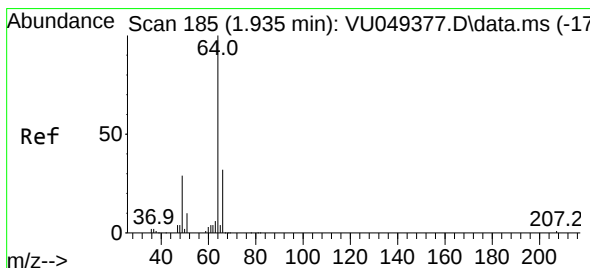
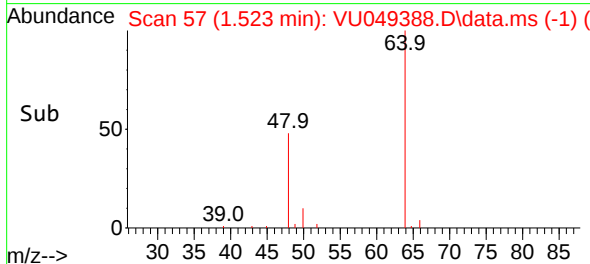
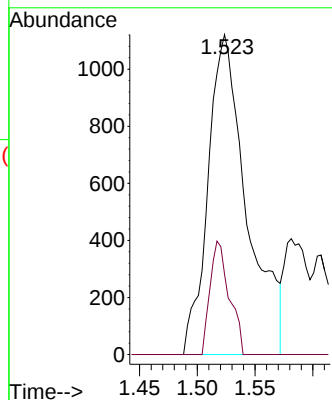
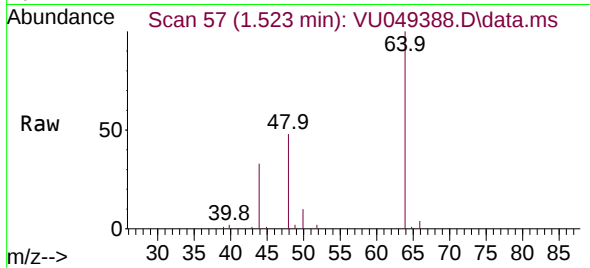




#3
Chloromethane
Concen: 0.191 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049388.D
Acq: 24 Jun 2022 15:36

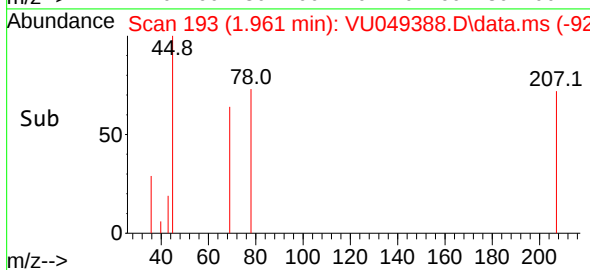
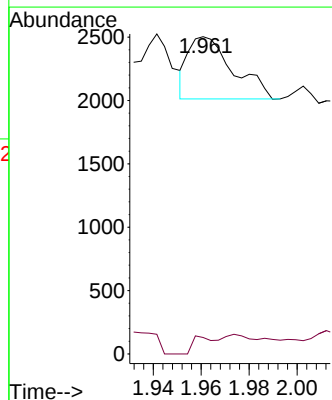
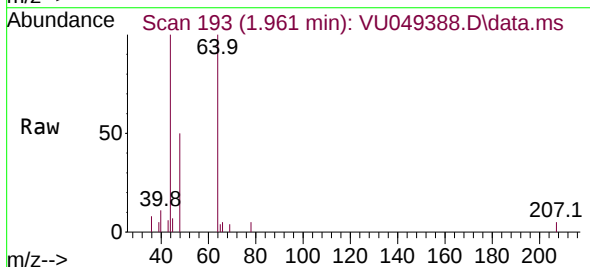
Instrument :
MSVOA_U
ClientSampleId :
C0AM1

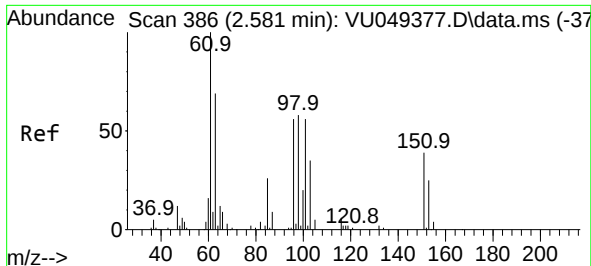
Tgt Ion: 50 Resp: 2622
Ion Ratio Lower Upper
50 100
52 25.2 22.7 42.1



#8
Chloroethane
Concen: 0.089 ug/L
RT: 1.961 min Scan# 193
Delta R.T. 0.026 min
Lab File: VU049388.D
Acq: 24 Jun 2022 15:36

Tgt Ion: 64 Resp: 634
Ion Ratio Lower Upper
64 100
66 5.2 20.9 38.9#

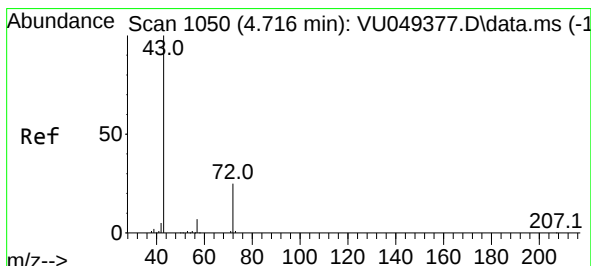
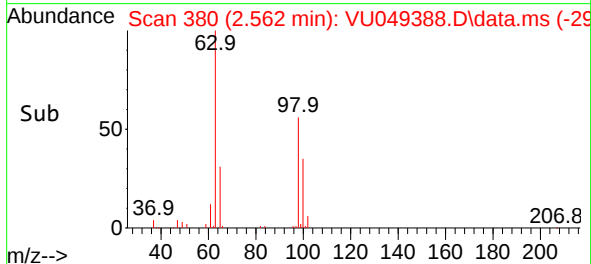
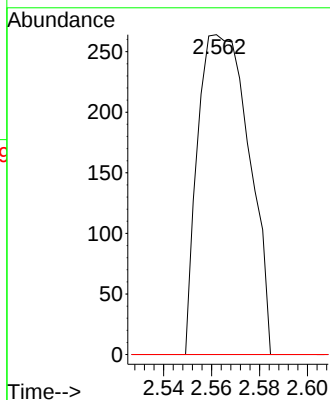
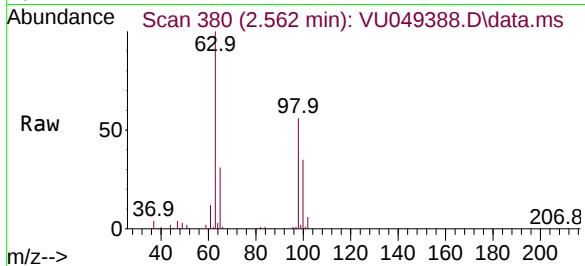




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.019 min
Lab File: VU049388.D
Acq: 24 Jun 2022 15:36

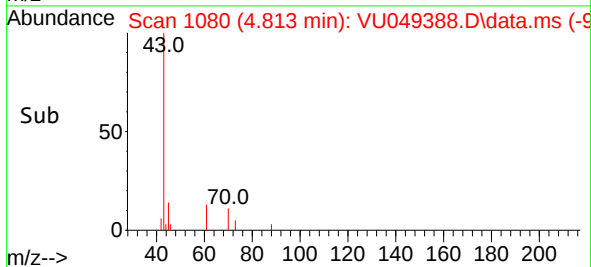
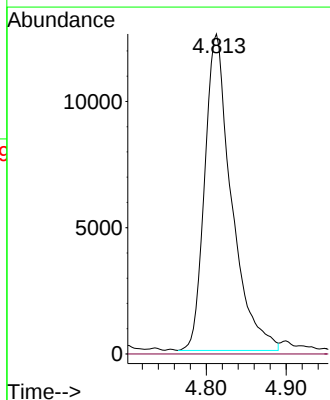
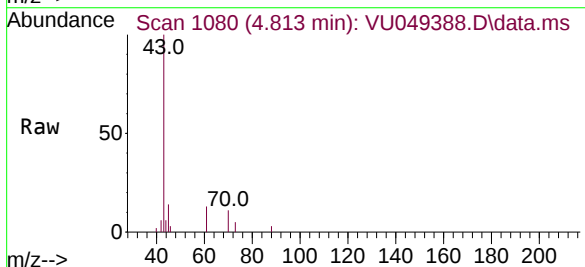
Instrument :
MSVOA_U
ClientSampleId :
COAM1

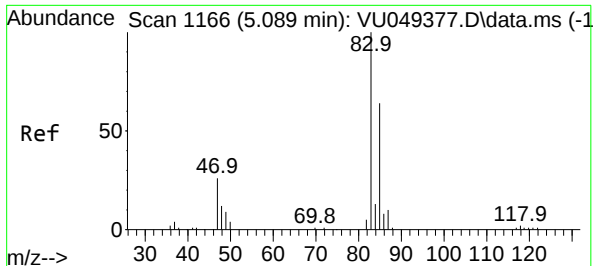
Tgt Ion:101 Resp: 391
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#



#21
2-Butanone
Concen: 9.062 ug/L
RT: 4.813 min Scan# 1080
Delta R.T. 0.097 min
Lab File: VU049388.D
Acq: 24 Jun 2022 15:36

Tgt Ion: 43 Resp: 29169
Ion Ratio Lower Upper
43 100
72 0.0 12.2 36.6#





#25

Chloroform

Concen: 7.200 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049388.D

Acq: 24 Jun 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

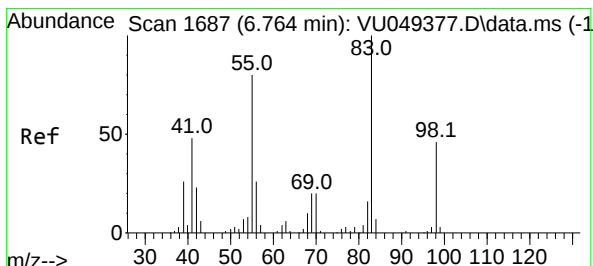
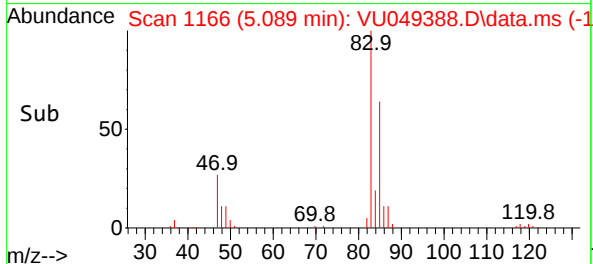
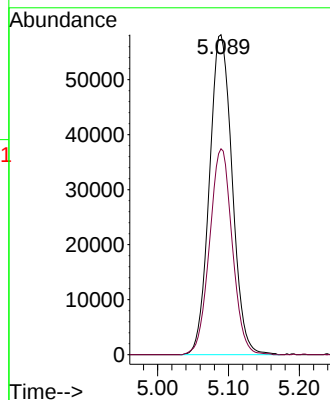
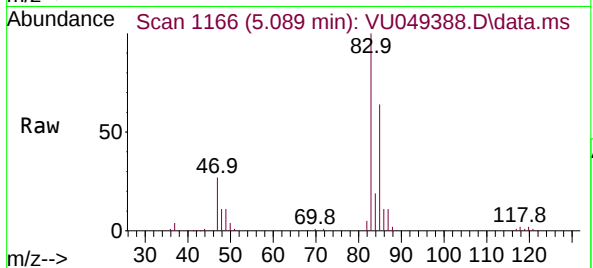
COAM1

Tgt Ion: 83 Resp: 129791

Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.2



#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049388.D

Acq: 24 Jun 2022 15:36

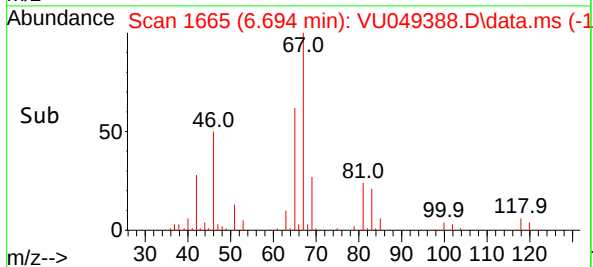
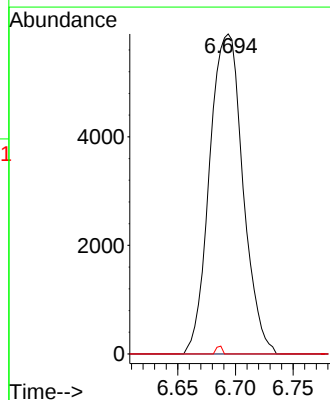
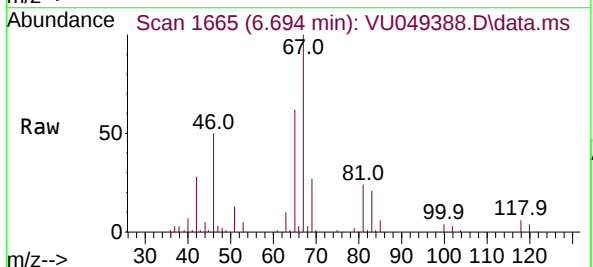
Tgt Ion: 83 Resp: 11848

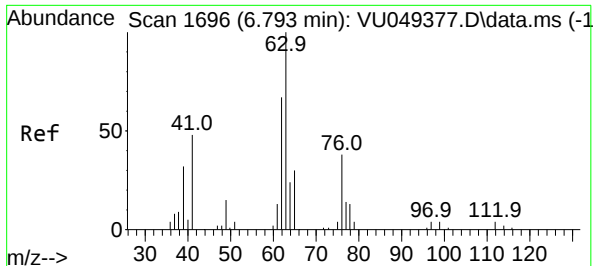
Ion Ratio Lower Upper

83 100

55 0.0 66.9 100.3#

98 0.4 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.524 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049388.D

Acq: 24 Jun 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

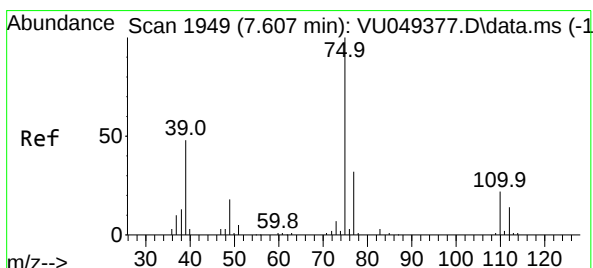
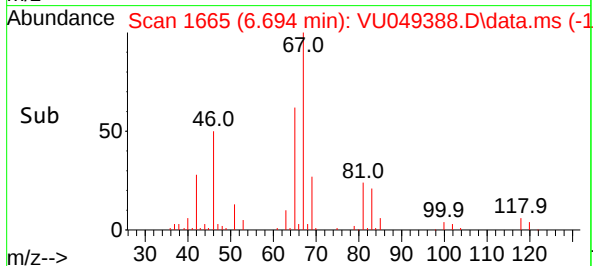
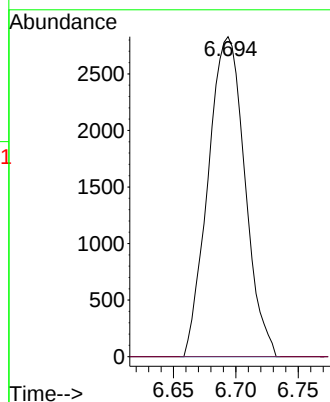
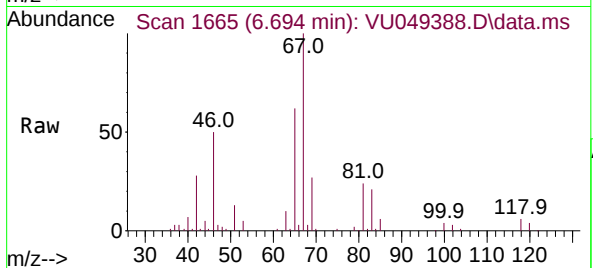
COAM1

Tgt Ion: 63 Resp: 5810

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049388.D

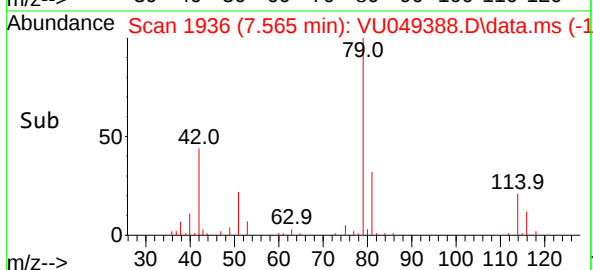
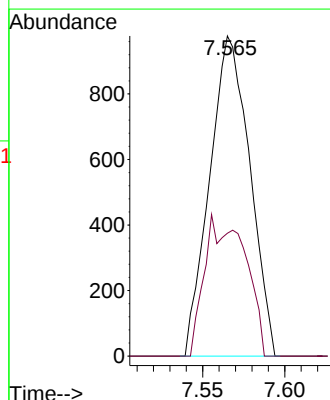
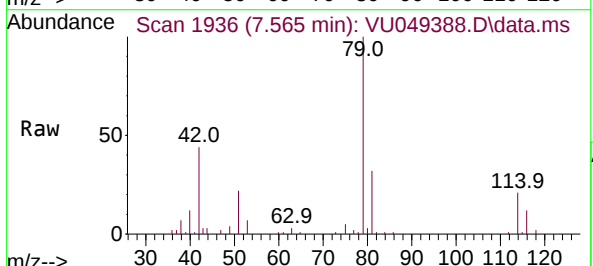
Acq: 24 Jun 2022 15:36

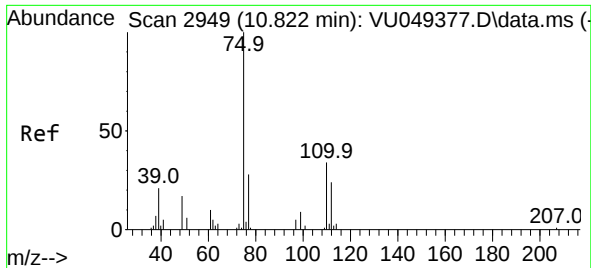
Tgt Ion: 75 Resp: 1659

Ion Ratio Lower Upper

75 100

77 38.4 21.8 40.4





#61

1,2,3-Trichloropropane

Concen: 1.147 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU049388.D

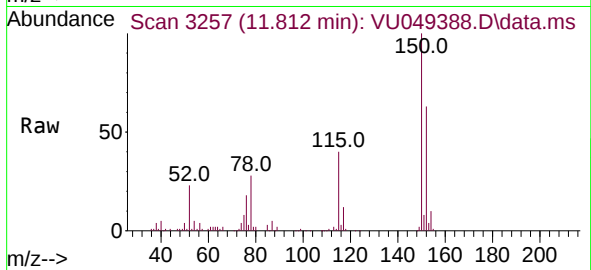
Acq: 24 Jun 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

C0AM1



Tgt Ion: 75 Resp: 8598

Ion Ratio Lower Upper

75 100

110 2.5 29.0 43.4#

77 36.8 26.2 39.2

