

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049379.D
 Acq On : 24 Jun 2022 11:24
 Operator : SY/MD
 Sample : N3400-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD3

Quant Time: Jun 25 00:15:16 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)

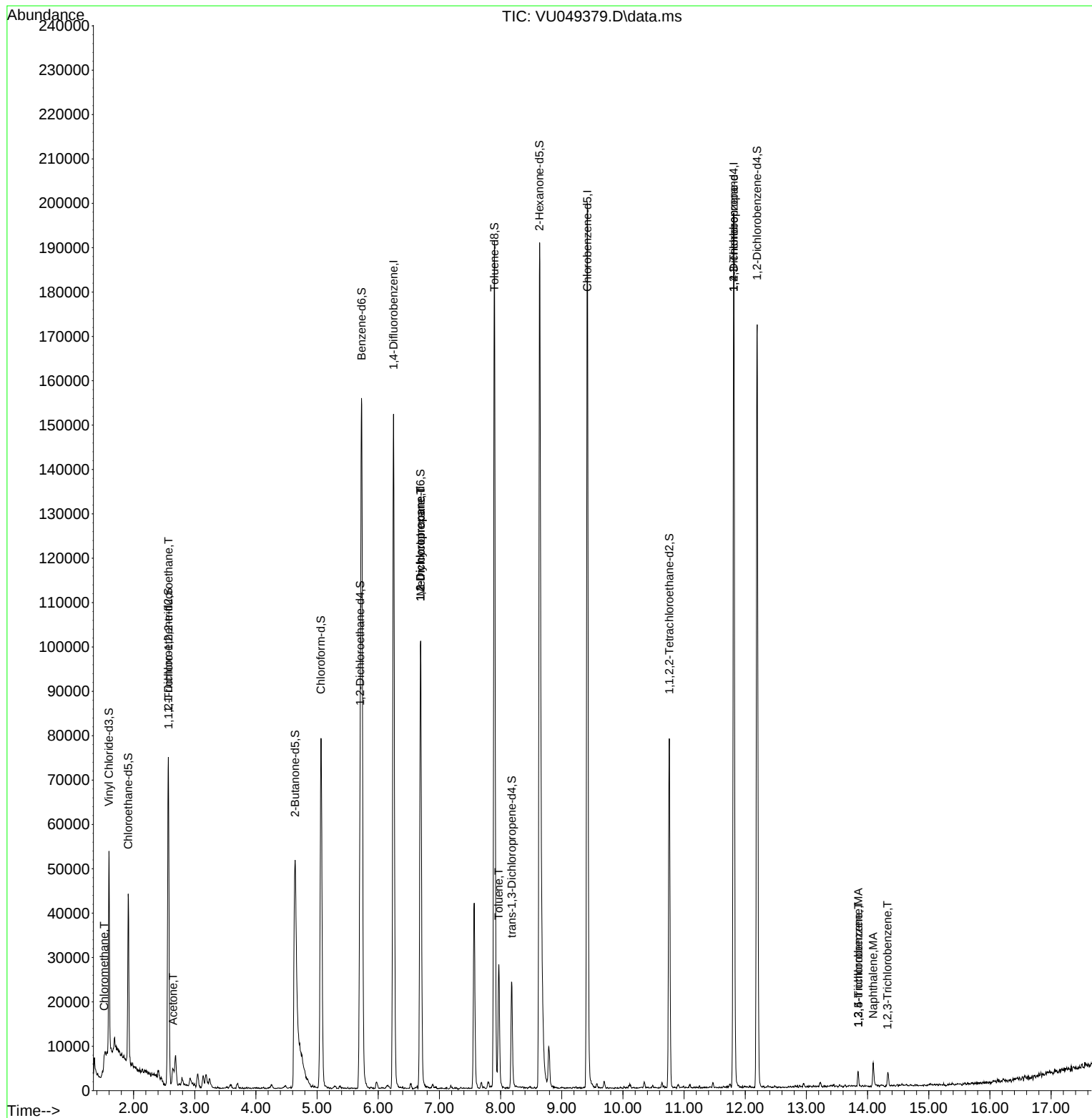
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	121877	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32348	3.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.912	69	25600	3.551	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.568	65	14810	3.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.639	46	93018	32.713	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.420%
24) Chloroform-d	5.063	84	73430	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.703	65	41287	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.729	84	140262	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.690	67	49597	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.899	98	124186	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.182	79	14052	2.817	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.400%
46) 2-Hexanone-d5	8.636	63	69246	34.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40512	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	44979	4.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1567	0.137	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	318	0.045	ug/L #	21
13) Acetone	2.645	43	7889	5.606	ug/L	64
35) Methylcyclohexane	6.694	83	11293	0.806	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	5554	0.619	ug/L #	89
42) Toluene	7.970	91	20092	0.580	ug/L	95
61) 1,2,3-Trichloropropane	11.812	75	6250	1.103	ug/L #	58
69) 1,3,5-Trichlorobenzene	13.848	180	1300	0.118	ug/L	90
70) 1,2,4-trichlorobenzene	13.848	180	1300	0.148	ug/L	91
71) Naphthalene	14.092	128	5249	0.301	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.327	180	1263	0.153	ug/L #	94

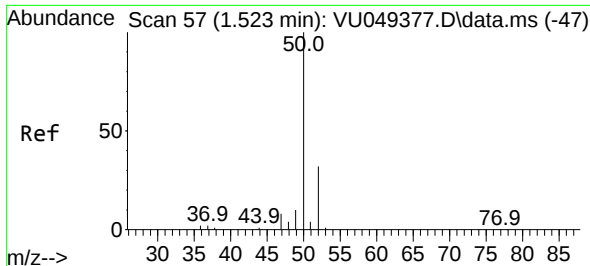
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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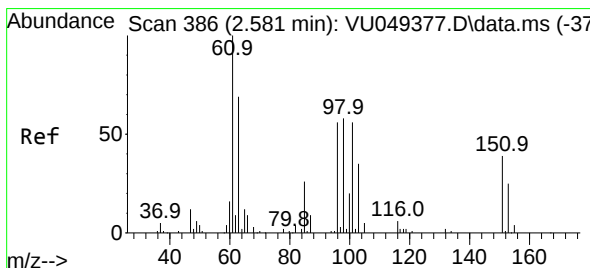
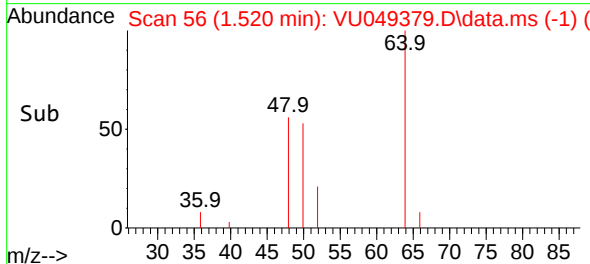
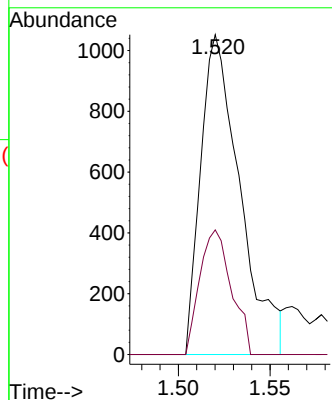
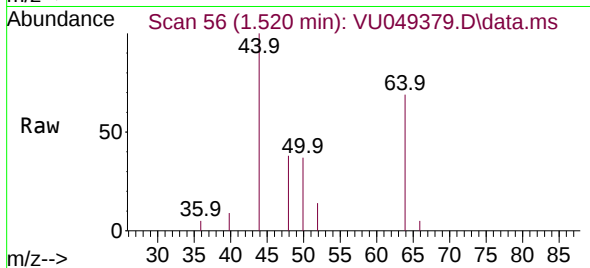




#3
Chloromethane
Concen: 0.137 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU049379.D
Acq: 24 Jun 2022 11:24

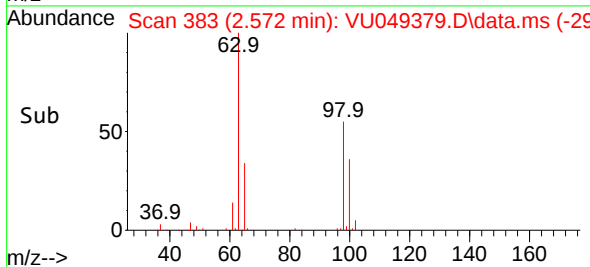
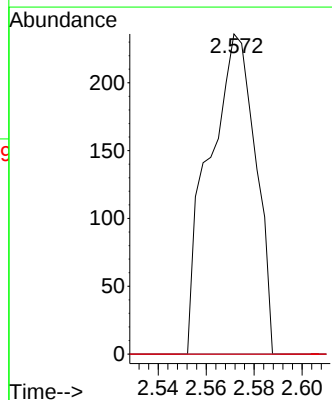
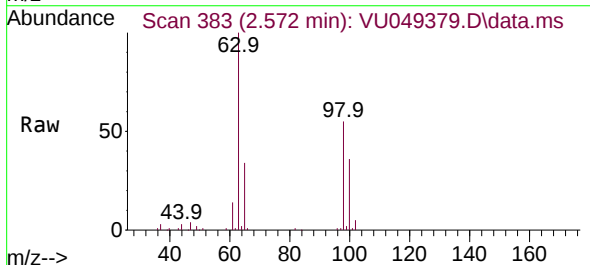
Instrument :
MSVOA_U
ClientSampleId :
C0AD3

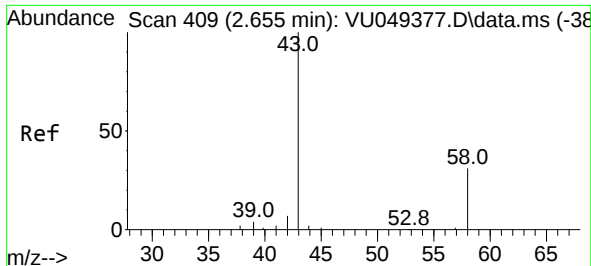
Tgt Ion: 50 Resp: 1567
Ion Ratio Lower Upper
50 100
52 39.0 22.7 42.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU049379.D
Acq: 24 Jun 2022 11:24

Tgt Ion: 101 Resp: 318
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#





#13

Acetone

Concen: 5.606 ug/L

RT: 2.645 min Scan# 409

Delta R.T. -0.010 min

Lab File: VU049379.D

Acq: 24 Jun 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

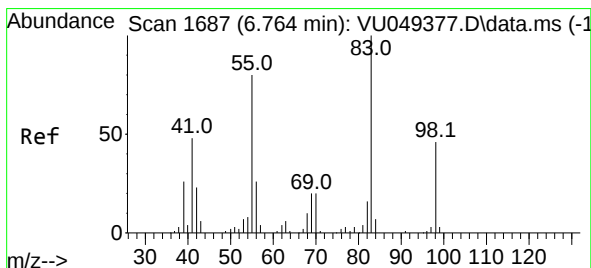
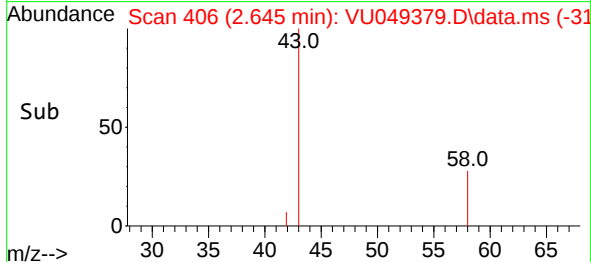
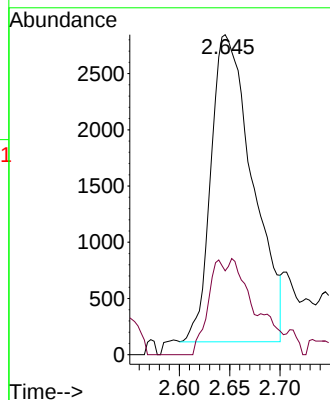
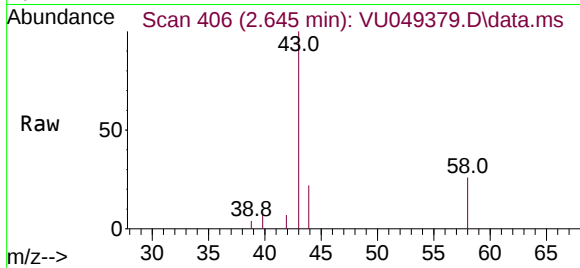
C0AD3

Tgt Ion: 43 Resp: 7889

Ion Ratio Lower Upper

43 100

58 12.8 0.0 65.8



#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049379.D

Acq: 24 Jun 2022 11:24

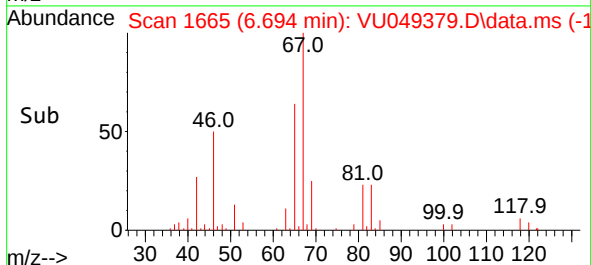
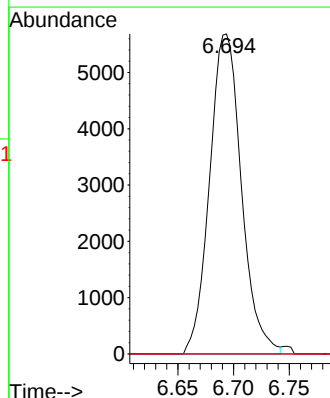
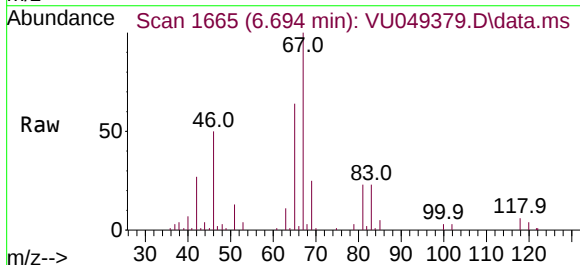
Tgt Ion: 83 Resp: 11293

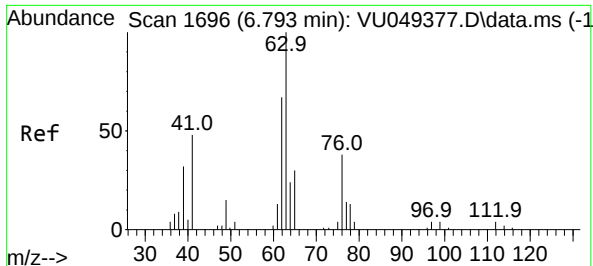
Ion Ratio Lower Upper

83 100

55 0.0 66.9 100.3#

98 0.6 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049379.D

Acq: 24 Jun 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

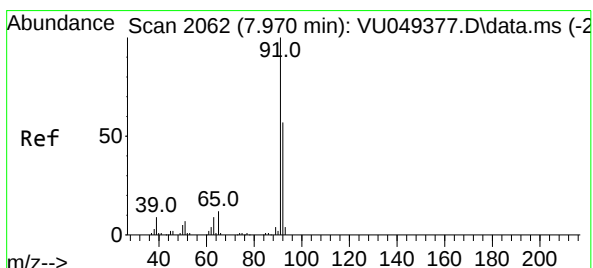
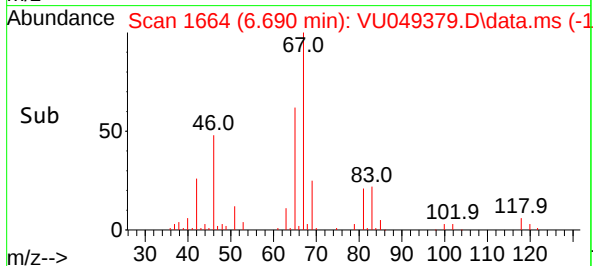
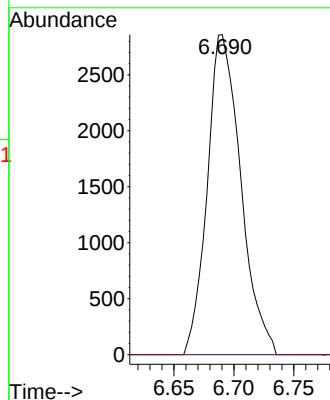
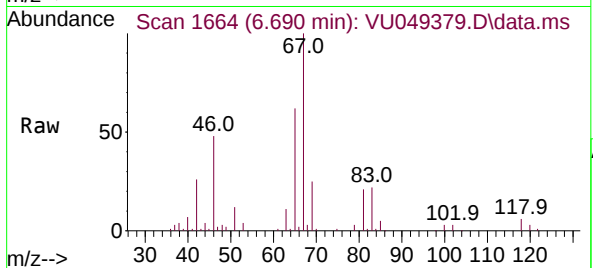
C0AD3

Tgt Ion: 63 Resp: 5554

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#42

Toluene

Concen: 0.580 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049379.D

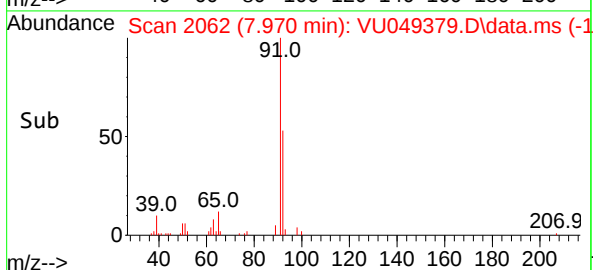
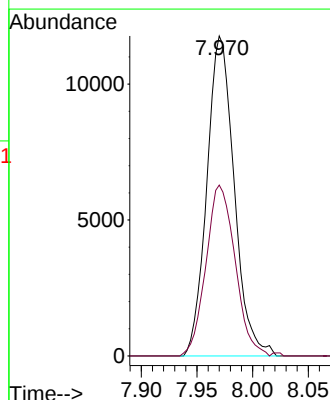
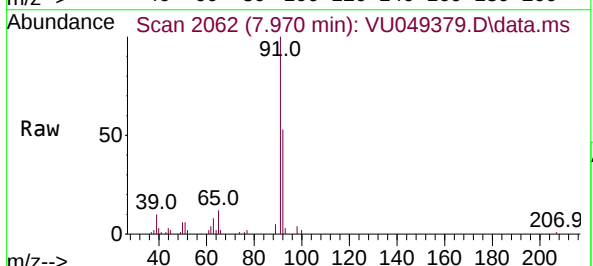
Acq: 24 Jun 2022 11:24

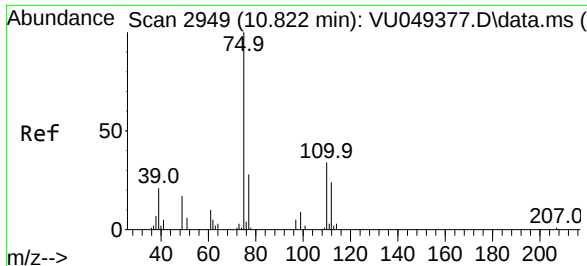
Tgt Ion: 91 Resp: 20092

Ion Ratio Lower Upper

91 100

92 53.4 40.0 74.2

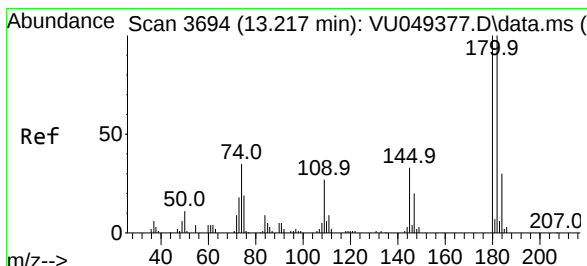
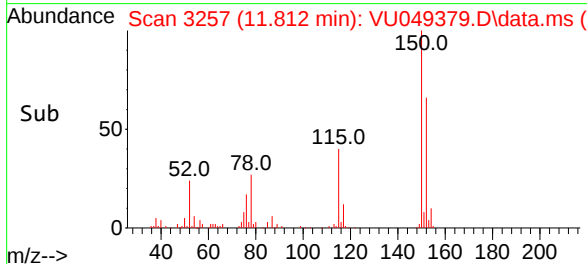
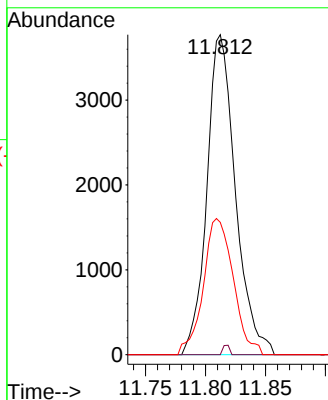
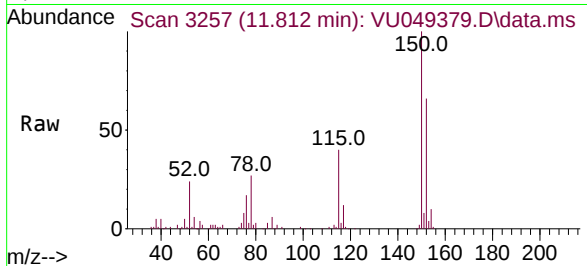




#61
 1,2,3-Trichloropropane
 Concen: 1.103 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049379.D
 Acq: 24 Jun 2022 11:24

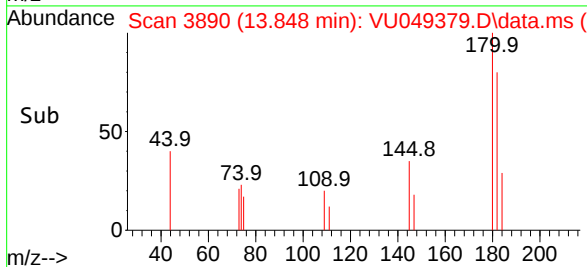
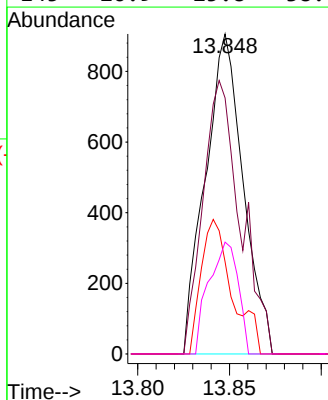
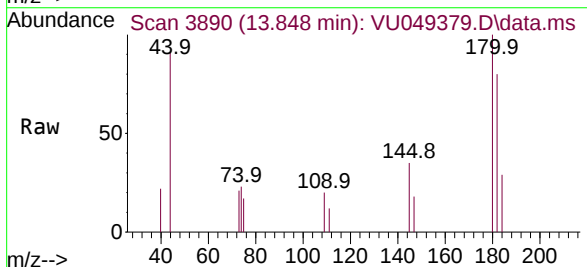
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD3

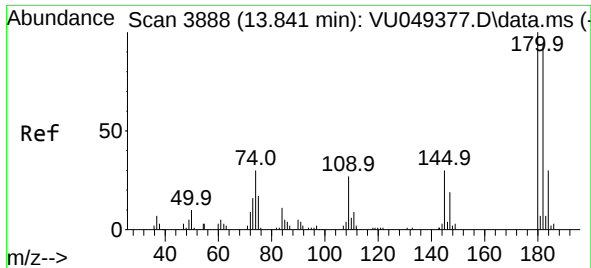
Tgt Ion: 75 Resp: 6250
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.0 43.4#
 77 44.6 26.2 39.2#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.118 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.630 min
 Lab File: VU049379.D
 Acq: 24 Jun 2022 11:24

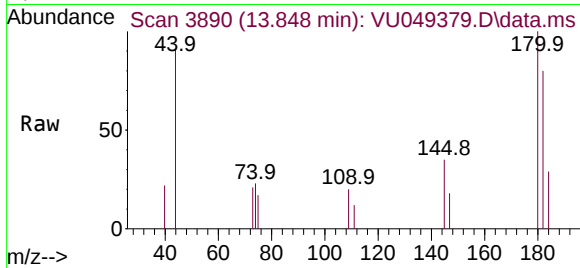
Tgt Ion: 180 Resp: 1300
 Ion Ratio Lower Upper
 180 100
 182 84.7 75.0 112.4
 184 34.5 23.2 34.8
 145 26.9 25.8 38.6



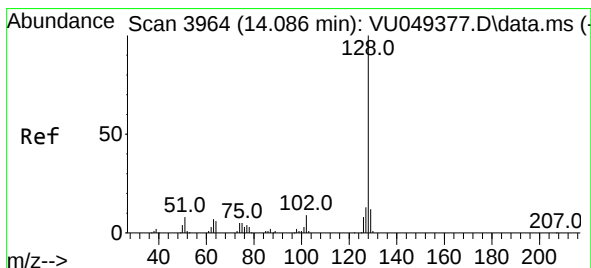
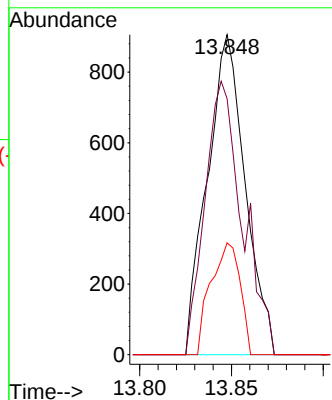
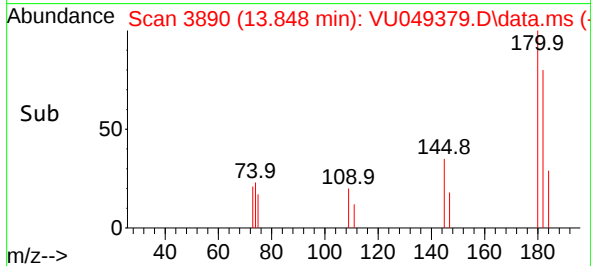


#70
1,2,4-trichlorobenzene
Concen: 0.148 ug/L
RT: 13.848 min Scan# 3888
Delta R.T. 0.006 min
Lab File: VU049379.D
Acq: 24 Jun 2022 11:24

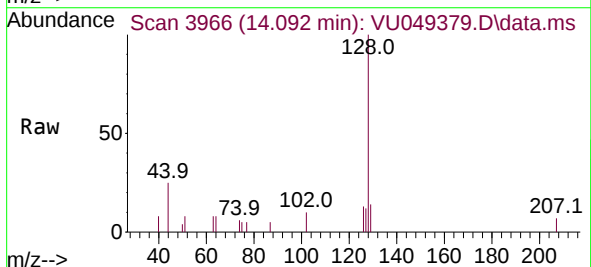
Instrument :
MSVOA_U
ClientSampleId :
C0AD3



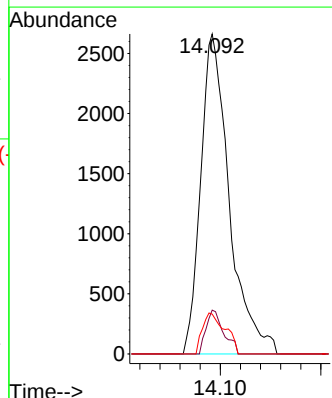
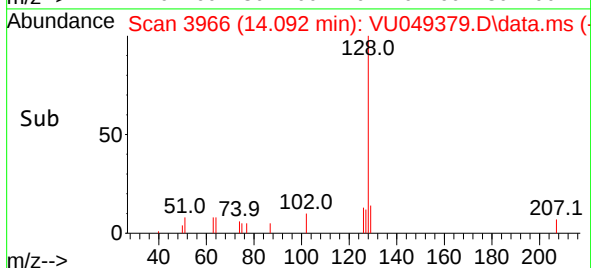
Tgt Ion:180 Resp: 1300
Ion Ratio Lower Upper
180 100
182 84.7 74.6 112.0
145 26.9 26.1 39.1

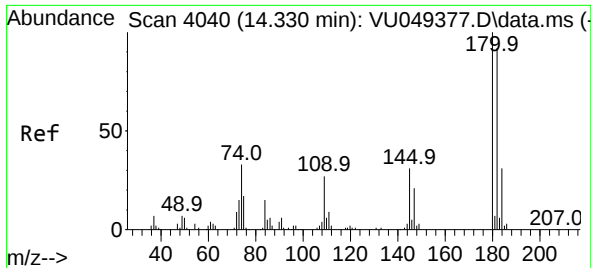


#71
Naphthalene
Concen: 0.301 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU049379.D
Acq: 24 Jun 2022 11:24



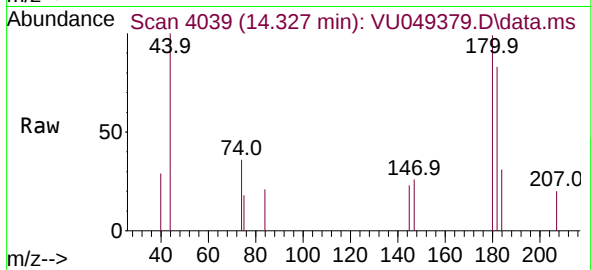
Tgt Ion:128 Resp: 5249
Ion Ratio Lower Upper
128 100
129 8.4 9.0 13.6#
127 10.1 10.2 15.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.153 ug/L
 RT: 14.327 min Scan# 40
 Delta R.T. -0.003 min
 Lab File: VU049379.D
 Acq: 24 Jun 2022 11:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD3



Tgt Ion:180 Resp: 1263
 Ion Ratio Lower Upper
 180 100
 182 91.8 75.6 113.4
 145 27.0 27.9 41.9#

