

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047446.D
 Acq On : 10 Mar 2022 09:14
 Operator : SY/MD
 Sample : N1857-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

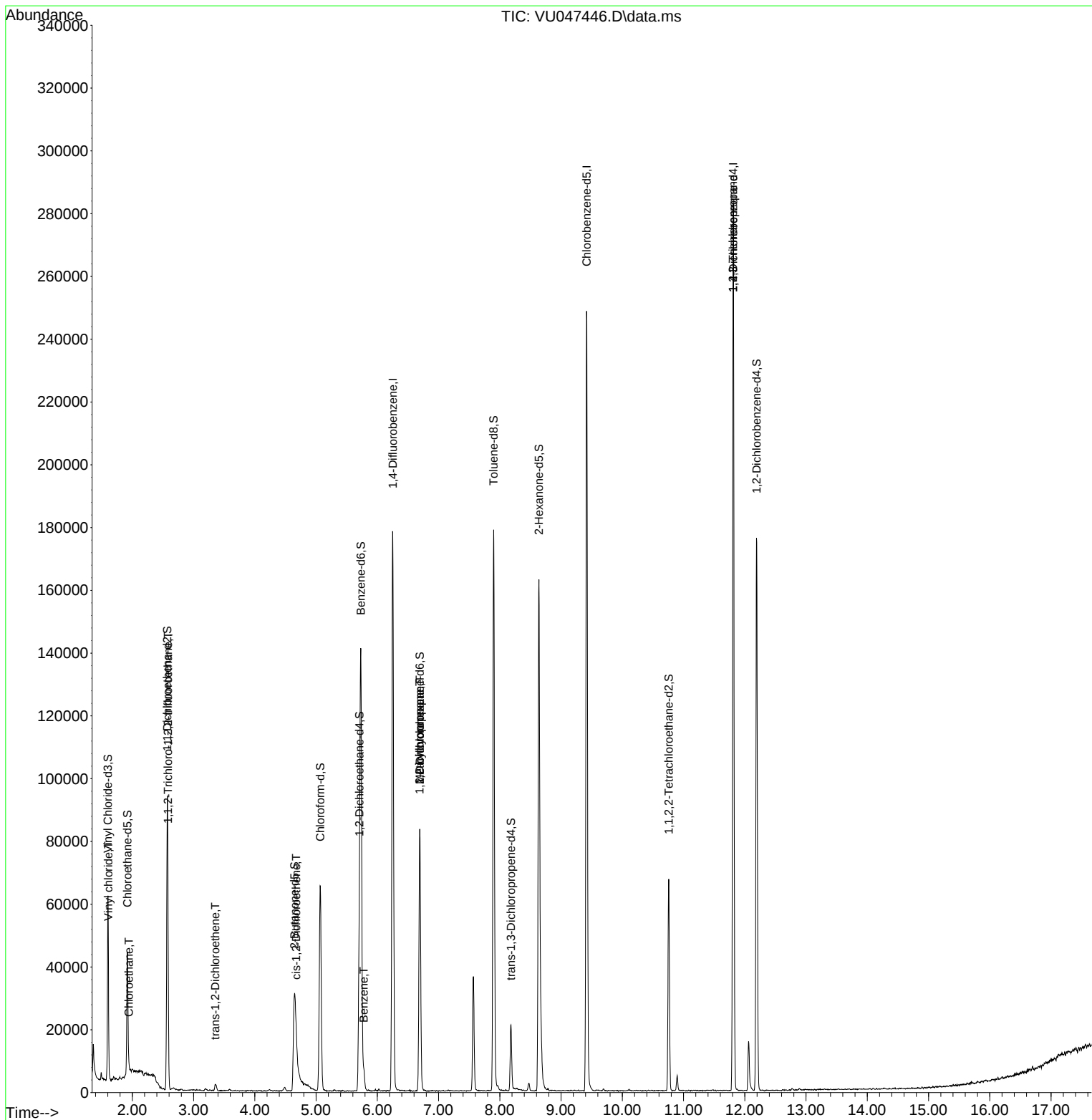
Quant Time: Mar 11 00:17:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

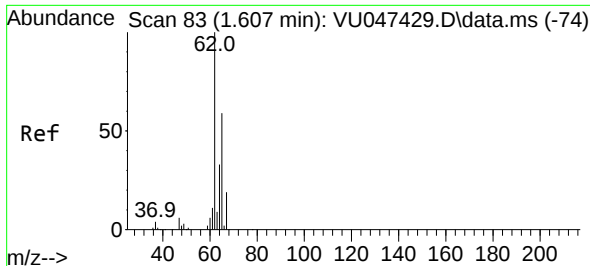
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	153874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38570	4.622	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.919	69	29458	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.571	65	17281	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.649	46	66169	44.534	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.060%
24) Chloroform-d	5.070	84	62400	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.706	65	33123	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.732	84	135858	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.693	67	40481	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.899	98	125676	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.182	79	12568	3.607	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.639	63	69196	45.085	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32646	4.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	49031	4.886	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	2386	0.211	ug/L #	71
8) Chloroethane	1.944	64	3039	0.442	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	595	0.065	ug/L #	17
18) trans-1,2-Dichloroethene	3.356	96	1084	0.112	ug/L	94
22) cis-1,2-Dichloroethene	4.674	96	2185	0.204	ug/L	88
33) Benzene	5.777	78	6182	0.155	ug/L	100
35) Methylcyclohexane	6.693	83	9398	0.560	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	4312	0.435	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	8262	1.127	ug/L #	67

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

Quant Time: Mar 11 00:17:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 10 03:57:44 2022
Response via : Initial Calibration

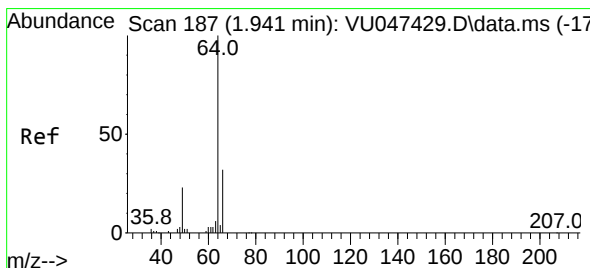
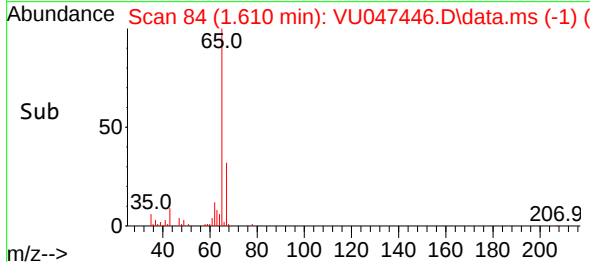
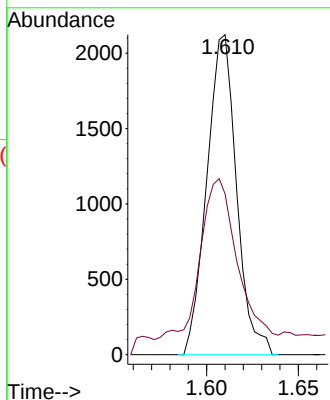
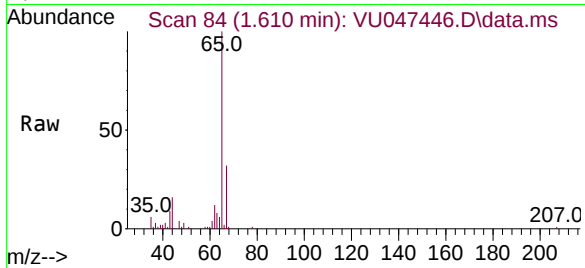




#5
 Vinyl chloride
 Concen: 0.211 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU047446.D
 Acq: 10 Mar 2022 09:14

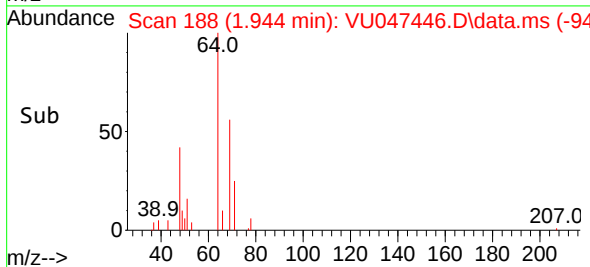
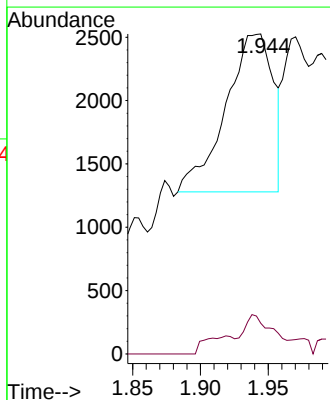
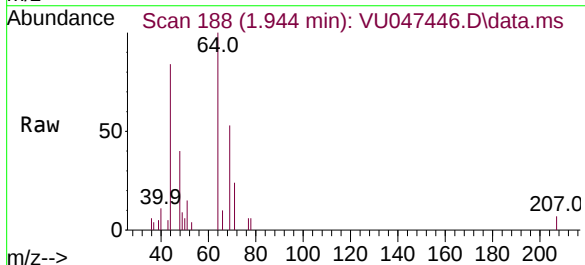
Instrument :
 MSVOA_U
 ClientSampleId :

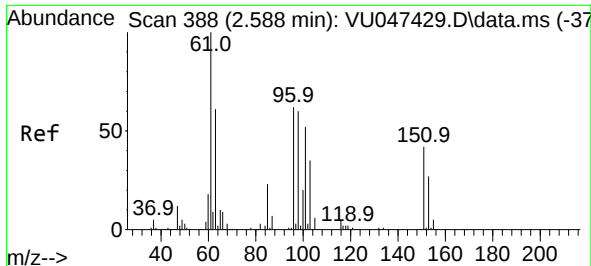
Tgt Ion: 62 Resp: 2386
 Ion Ratio Lower Upper
 62 100
 64 50.3 23.7 43.9#



#8
 Chloroethane
 Concen: 0.442 ug/L
 RT: 1.944 min Scan# 188
 Delta R.T. 0.003 min
 Lab File: VU047446.D
 Acq: 10 Mar 2022 09:14

Tgt Ion: 64 Resp: 3039
 Ion Ratio Lower Upper
 64 100
 66 9.6 22.9 42.5#

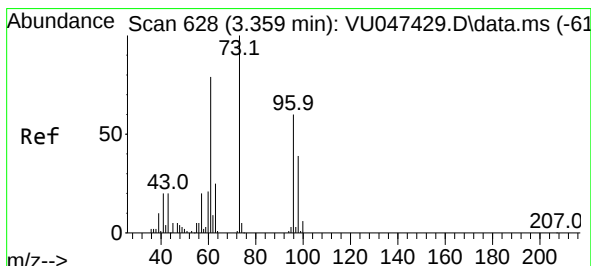
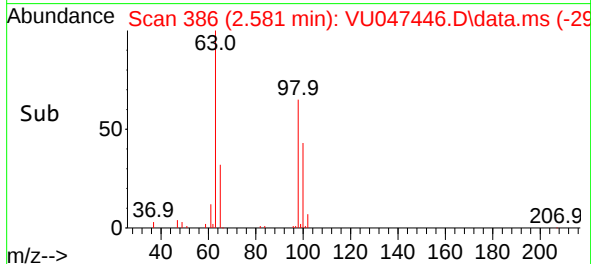
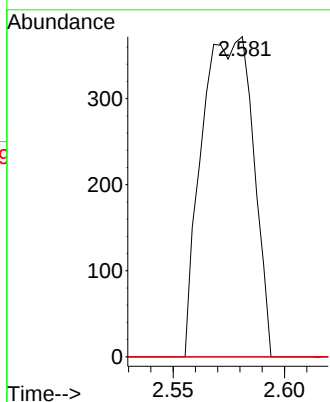
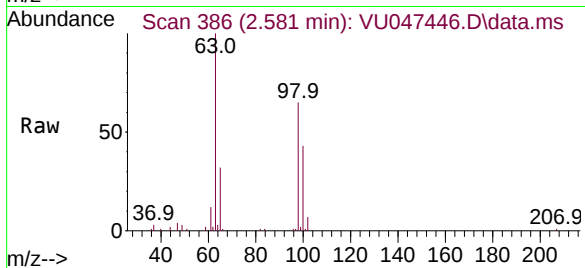




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.065 ug/L
 RT: 2.581 min Scan# 388
 Delta R.T. -0.007 min
 Lab File: VU047446.D
 Acq: 10 Mar 2022 09:14

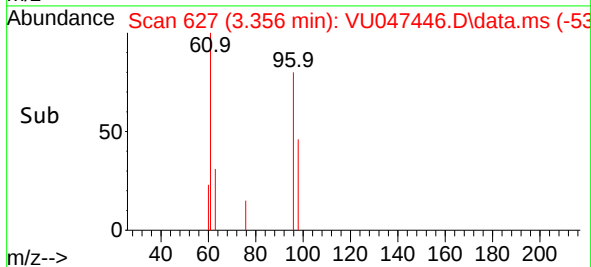
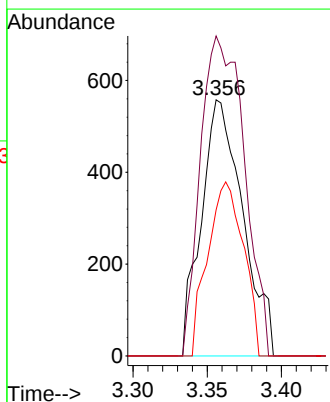
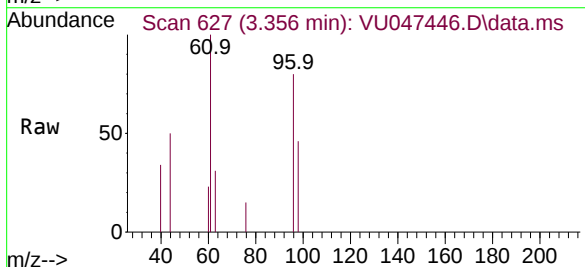
Instrument :
 MSVOA_U
 ClientSampleId :

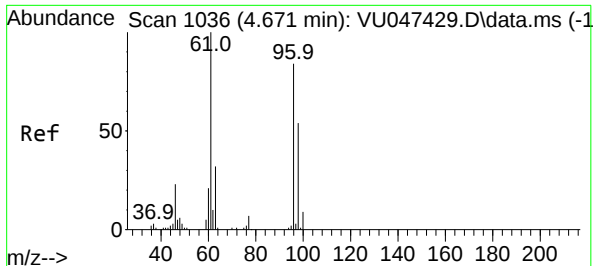
Tgt Ion:101 Resp: 595
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 64.8 97.2#



#18
 trans-1,2-Dichloroethene
 Concen: 0.112 ug/L
 RT: 3.356 min Scan# 627
 Delta R.T. -0.003 min
 Lab File: VU047446.D
 Acq: 10 Mar 2022 09:14

Tgt Ion: 96 Resp: 1084
 Ion Ratio Lower Upper
 96 100
 61 124.9 90.4 167.8
 98 57.0 45.0 83.6





#22

cis-1,2-Dichloroethene

Concen: 0.204 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047446.D

Acq: 10 Mar 2022 09:14

Instrument :

MSVOA_U

ClientSampleId :

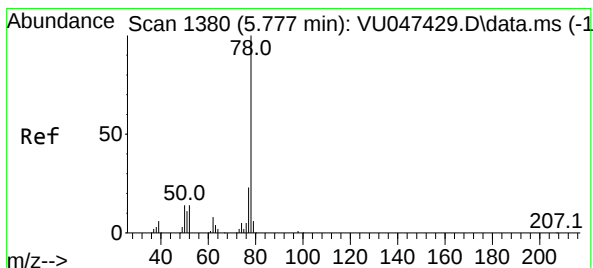
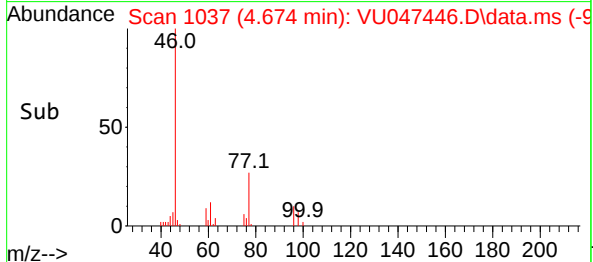
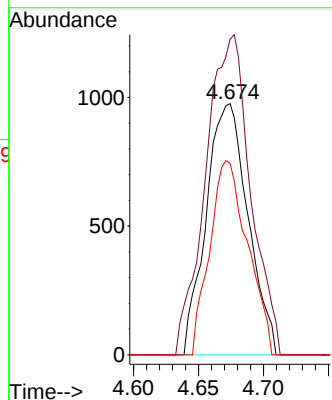
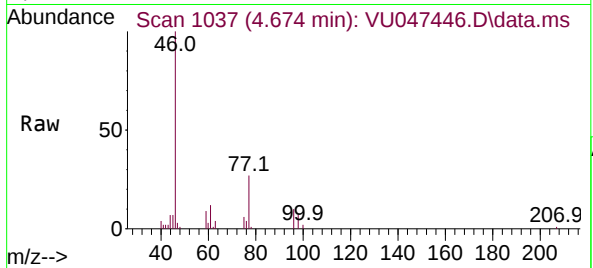
Tgt Ion: 96 Resp: 2185

Ion Ratio Lower Upper

96 100

61 125.7 80.8 150.0

98 76.2 44.7 83.1



#33

Benzene

Concen: 0.155 ug/L

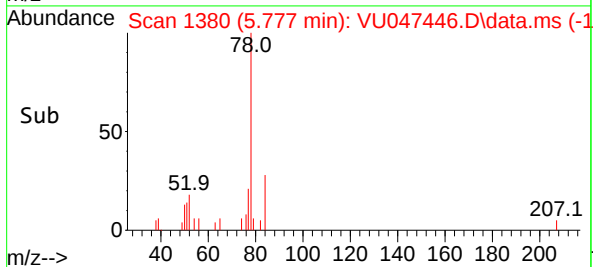
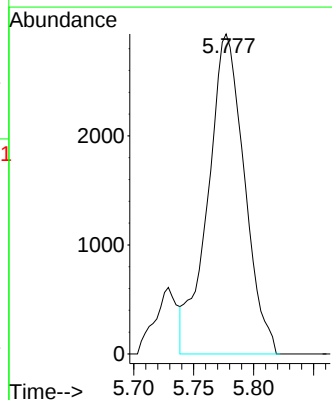
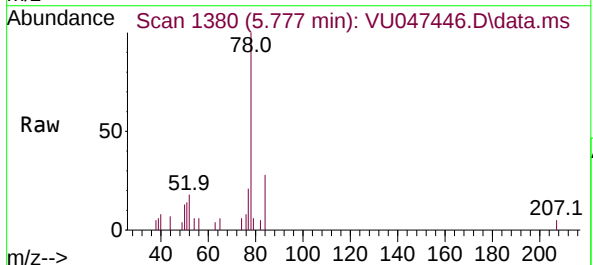
RT: 5.777 min Scan# 1380

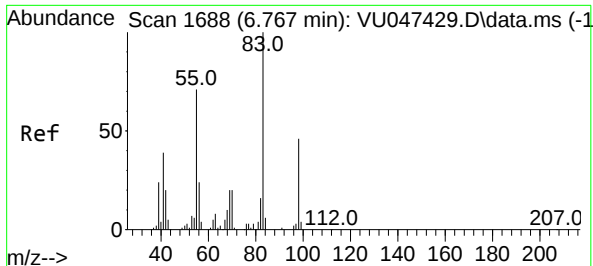
Delta R.T. -0.000 min

Lab File: VU047446.D

Acq: 10 Mar 2022 09:14

Tgt Ion: 78 Resp: 6182





#35

Methylcyclohexane

Concen: 0.560 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.074 min

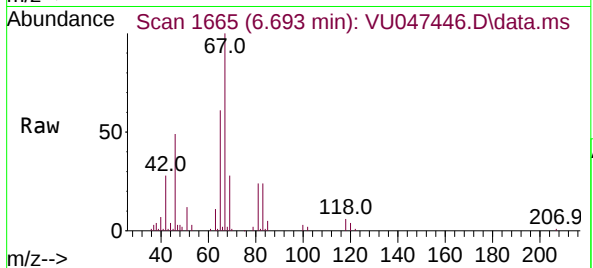
Lab File: VU047446.D

Acq: 10 Mar 2022 09:14

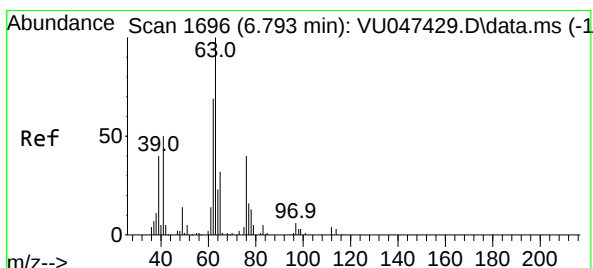
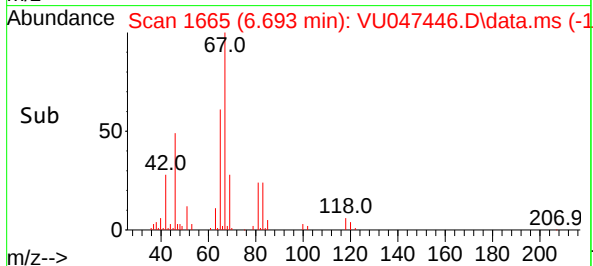
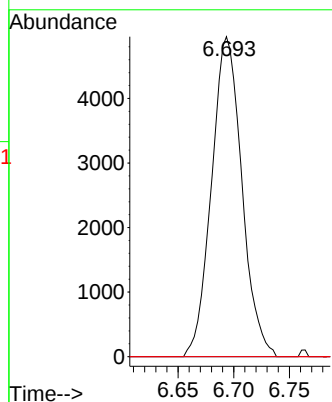
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	9398
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	0.0	38.0	57.0#



#37

1,2-Dichloropropane

Concen: 0.435 ug/L

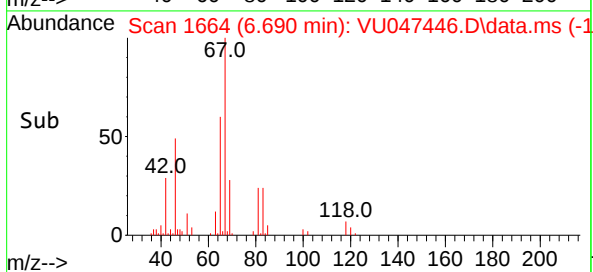
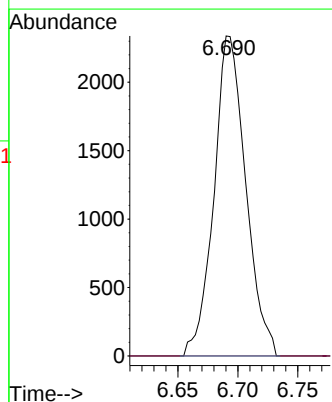
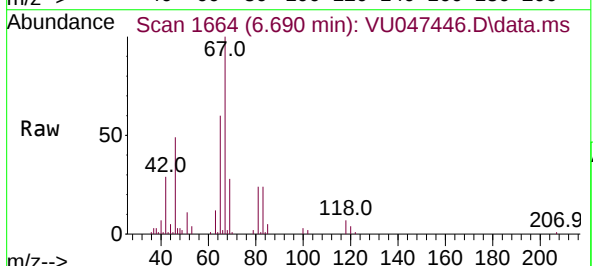
RT: 6.690 min Scan# 1664

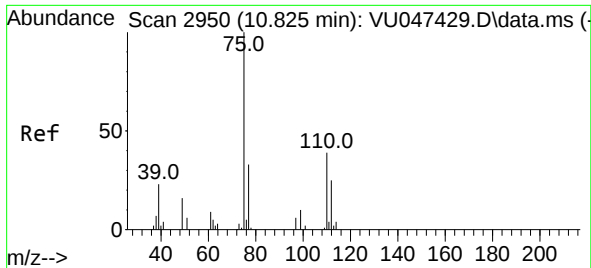
Delta R.T. -0.103 min

Lab File: VU047446.D

Acq: 10 Mar 2022 09:14

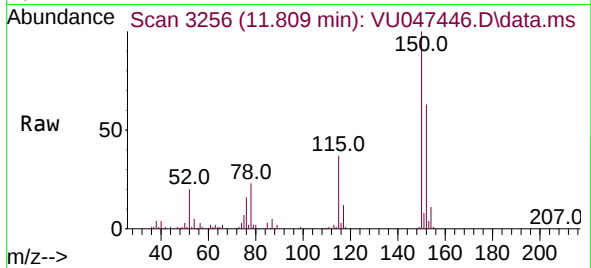
Tgt Ion:	63	Resp:	4312
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.127 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU047446.D
 Acq: 10 Mar 2022 09:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.5	31.0	46.4#
77	34.2	26.2	39.4

