

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047439.D
 Acq On : 10 Mar 2022 06:29
 Operator : SY/MD
 Sample : N1857-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 10 07:49:06 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

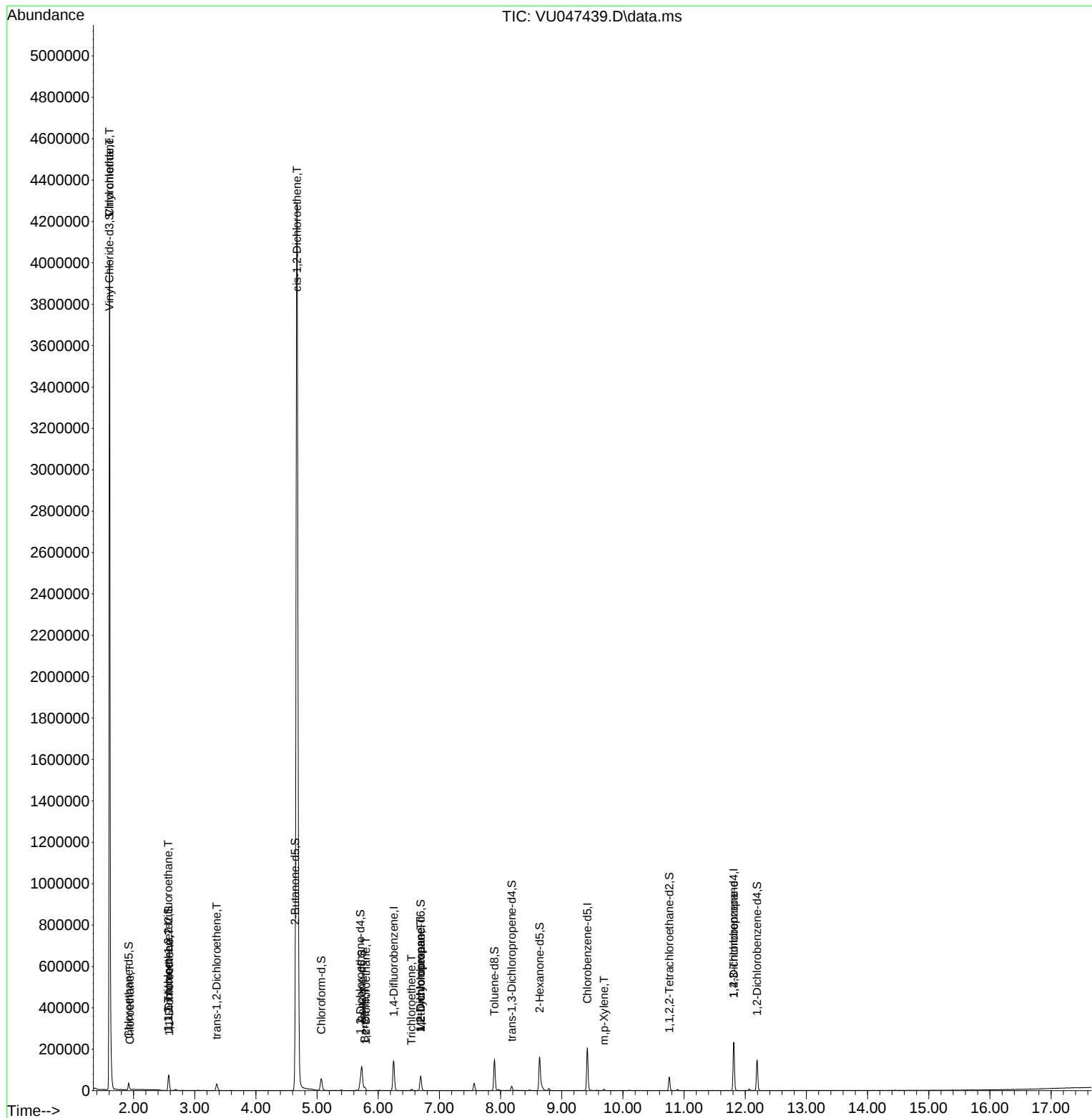
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	127275	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	120789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52069	7.543	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	150.800%#	
7) Chloroethane-d5	1.919	69	23903	4.717	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.400%	
11) 1,1-Dichloroethene-d2	2.571	65	13312	4.366	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.400%	
20) 2-Butanone-d5	4.642	46	63243	51.460	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.920%	
24) Chloroform-d	5.070	84	52071	4.735	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.706	65	29329	5.267	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.732	84	110386	4.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
36) 1,2-Dichloropropane-d6	6.693	67	33816	5.031	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.899	98	102838	4.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	8.182	79	12187	4.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.639	63	70332	55.946	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31618	5.398	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	42098	4.987	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.607	50	17152	1.802	ug/L #	45
5) Vinyl chloride	1.607	62	2802599	299.422	ug/L	98
8) Chloroethane	1.941	64	2723	0.479	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	316	0.042	ug/L #	17
12) 1,1-Dichloroethene	2.584	96	1866	0.250	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	14126	1.766	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	2338304	263.768	ug/L	98
27) 1,2-Dichloroethane	5.796	62	1140	0.120	ug/L #	73
33) Benzene	5.777	78	16410	0.503	ug/L	100
34) Trichloroethene	6.542	95	1853	0.212	ug/L	94
35) Methylcyclohexane	6.693	83	7849	0.571	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	3452	0.425	ug/L #	88
53) m,p-Xylene	9.693	106	1969	0.131	ug/L	94
61) 1,2,3-Trichloropropane	11.812	75	6895	1.118	ug/L #	64

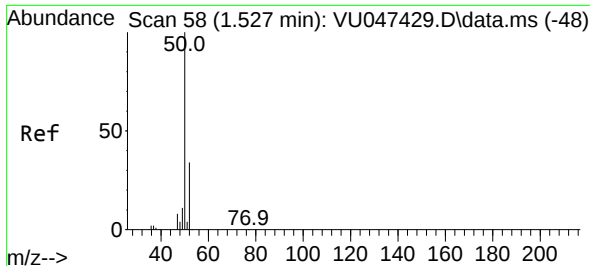
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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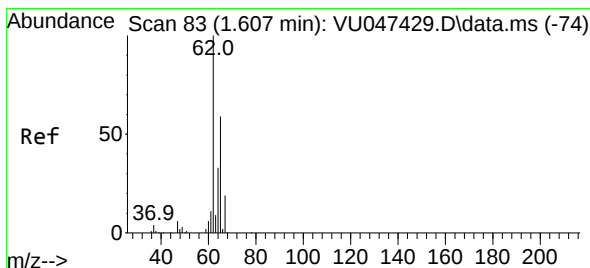
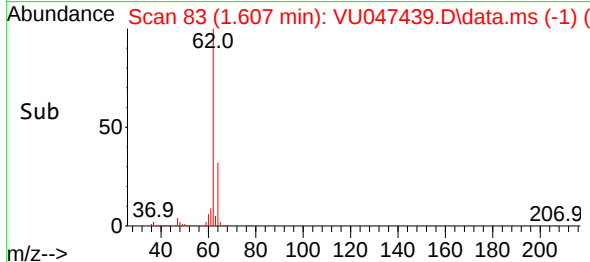
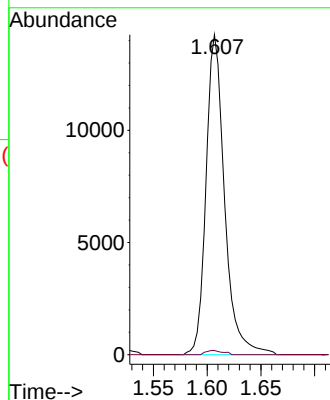
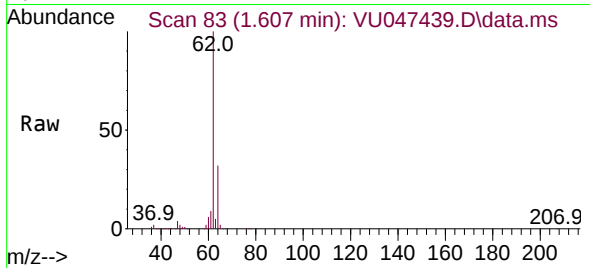




#3
Chloromethane
Concen: 1.802 ug/L
RT: 1.607 min Scan# 81
Delta R.T. 0.080 min
Lab File: VU047439.D
Acq: 10 Mar 2022 06:29

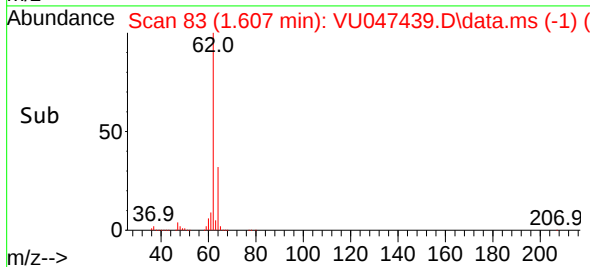
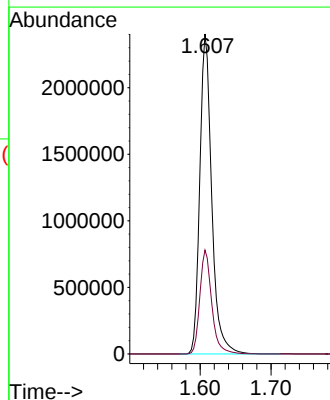
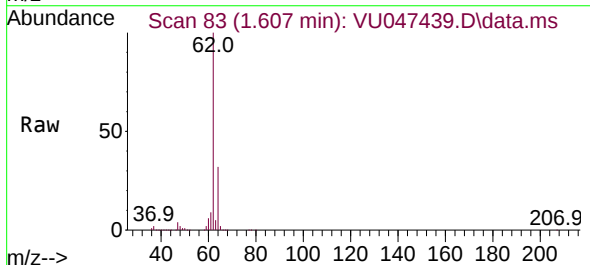
Instrument :
MSVOA_U
ClientSampleId :

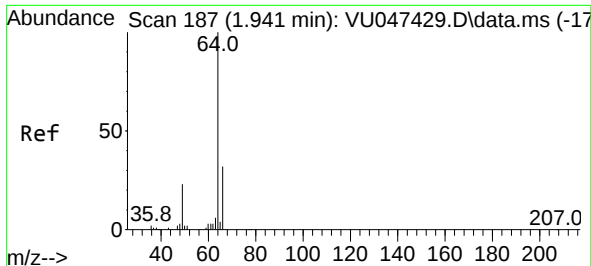
Tgt Ion: 50 Resp: 17152
Ion Ratio Lower Upper
50 100
52 1.3 22.5 41.9#



#5
Vinyl chloride
Concen: 299.422 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047439.D
Acq: 10 Mar 2022 06:29

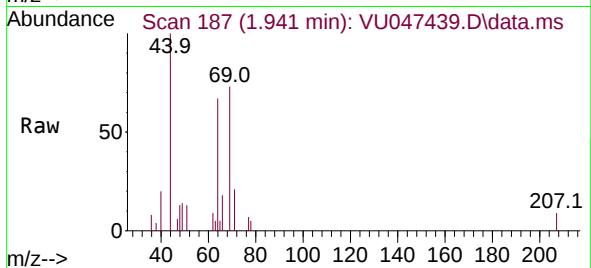
Tgt Ion: 62 Resp: 2802599
Ion Ratio Lower Upper
62 100
64 32.4 23.7 43.9



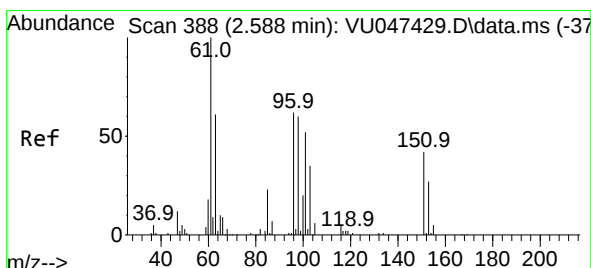
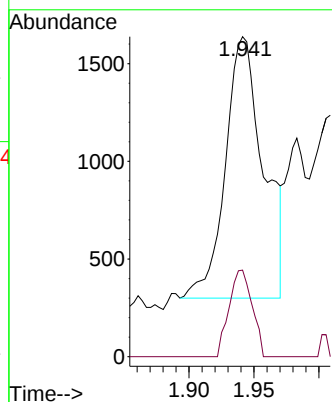
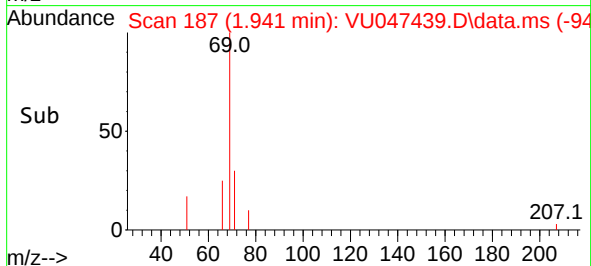


#8
Chloroethane
Concen: 0.479 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU047439.D
Acq: 10 Mar 2022 06:29

Instrument :
MSVOA_U
ClientSampleId :

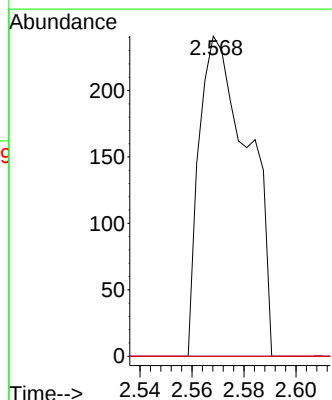
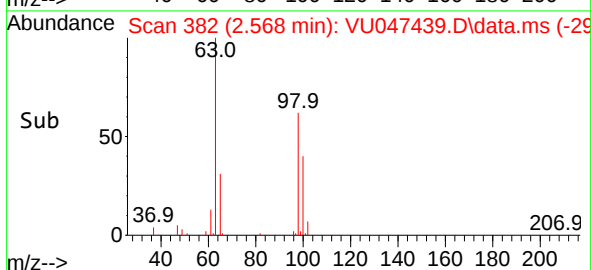
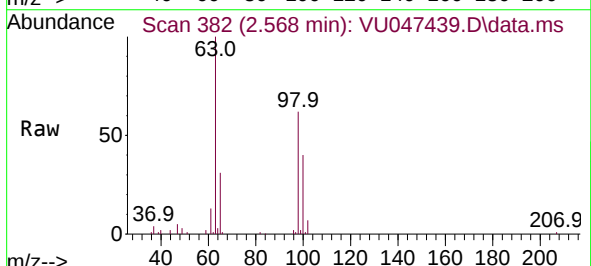


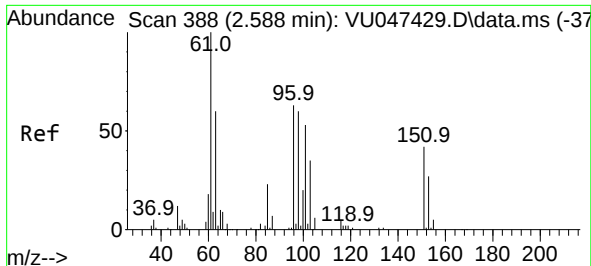
Tgt Ion: 64 Resp: 2723
Ion Ratio Lower Upper
64 100
66 27.0 22.9 42.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.042 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU047439.D
Acq: 10 Mar 2022 06:29

Tgt Ion:101 Resp: 316
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#





#12

1,1-Dichloroethene

Concen: 0.250 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU047439.D

Acq: 10 Mar 2022 06:29

Instrument :

MSVOA_U

ClientSampleId :

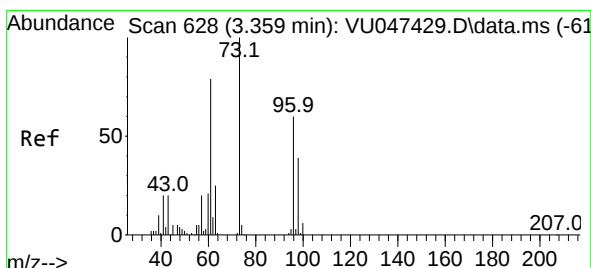
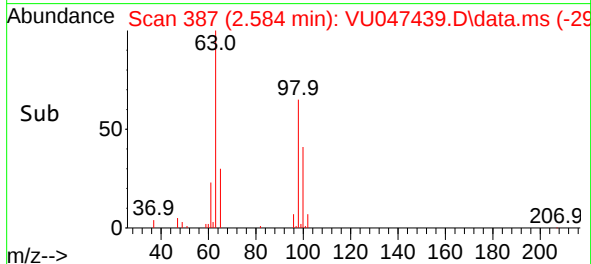
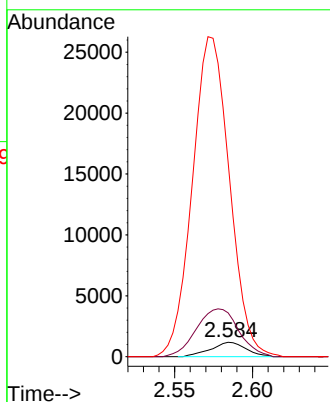
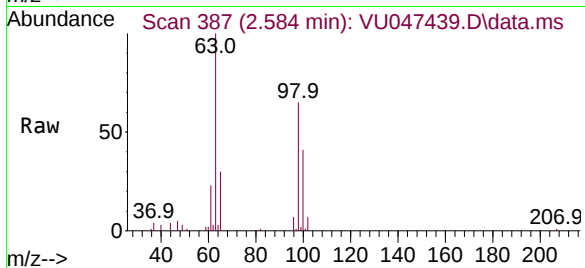
Tgt Ion: 96 Resp: 1866

Ion Ratio Lower Upper

96 100

61 305.7 108.8 202.0#

63 1357.6 64.0 119.0#



#18

trans-1,2-Dichloroethene

Concen: 1.766 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047439.D

Acq: 10 Mar 2022 06:29

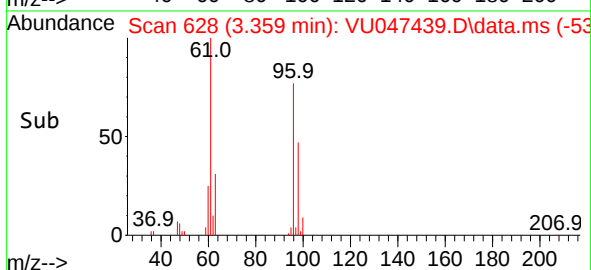
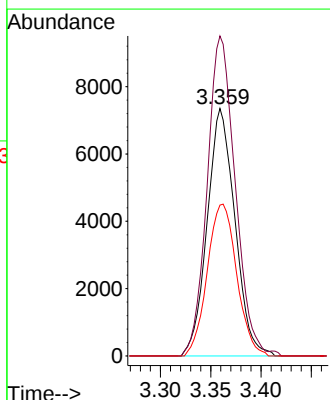
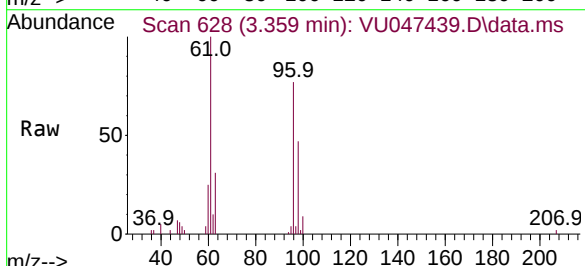
Tgt Ion: 96 Resp: 14126

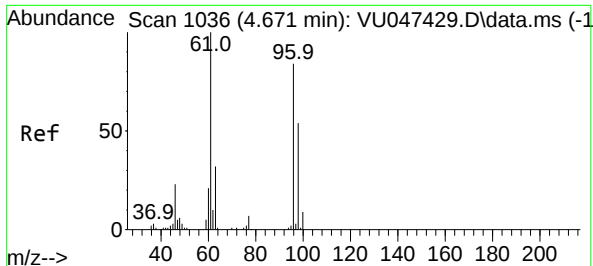
Ion Ratio Lower Upper

96 100

61 129.3 90.4 167.8

98 60.9 45.0 83.6





#22

cis-1,2-Dichloroethene

Concen: 263.768 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047439.D

Acq: 10 Mar 2022 06:29

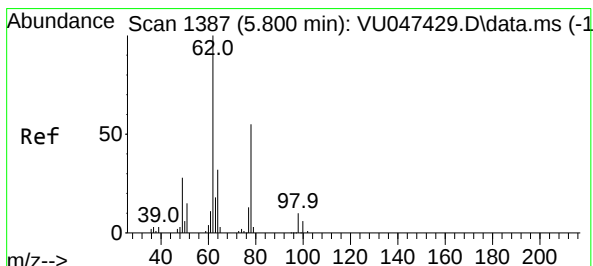
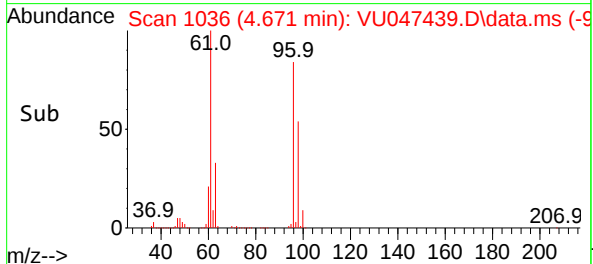
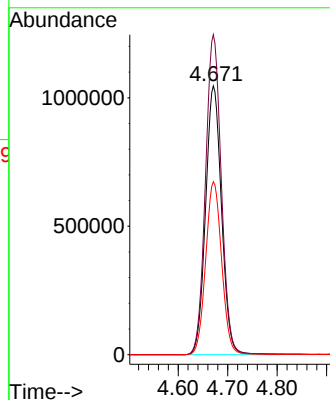
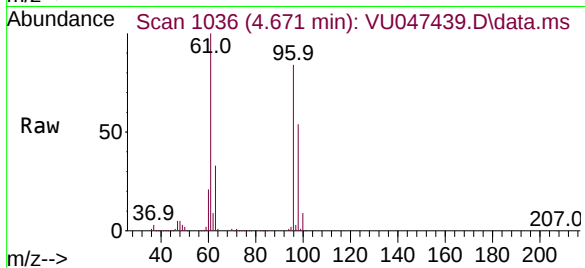
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2338304

Ion	Ratio	Lower	Upper
96	100		
61	119.0	80.8	150.0
98	64.3	44.7	83.1



#27

1,2-Dichloroethane

Concen: 0.120 ug/L

RT: 5.796 min Scan# 1386

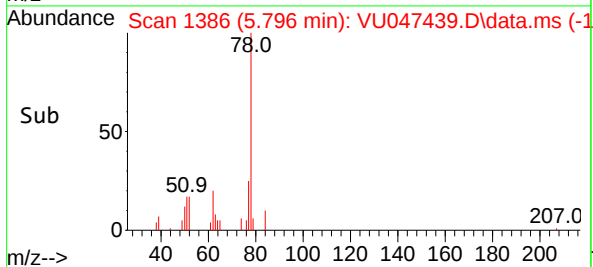
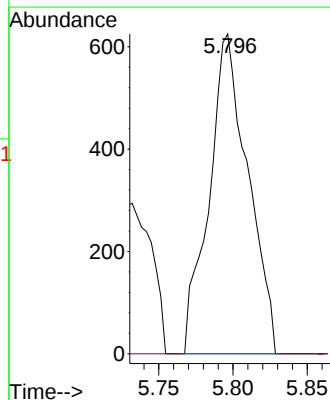
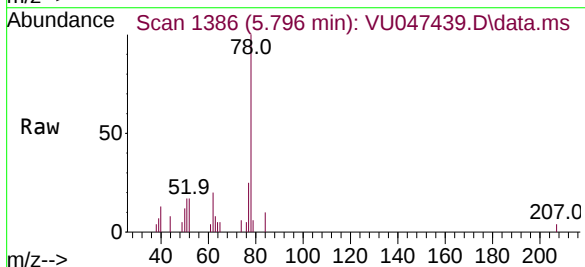
Delta R.T. -0.003 min

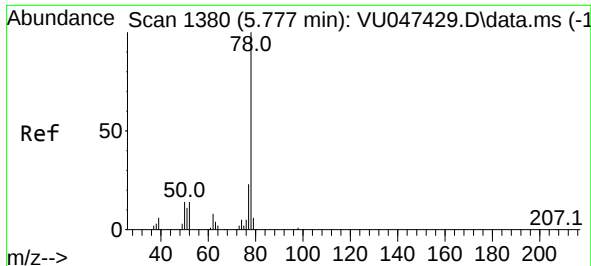
Lab File: VU047439.D

Acq: 10 Mar 2022 06:29

Tgt Ion: 62 Resp: 1140

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

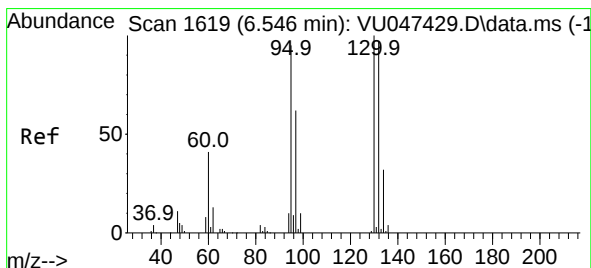
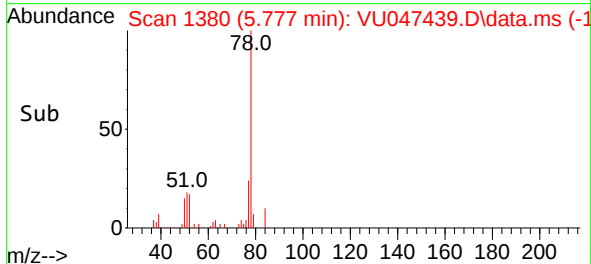
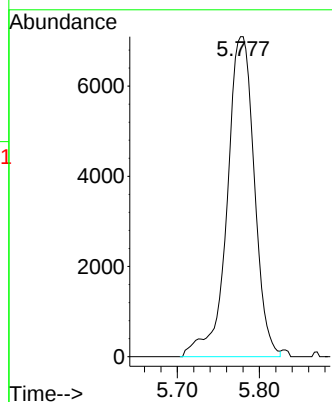
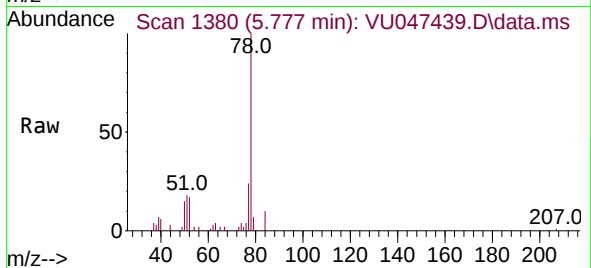




#33
Benzene
Concen: 0.503 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047439.D
Acq: 10 Mar 2022 06:29

Instrument :
MSVOA_U
ClientSampleId :

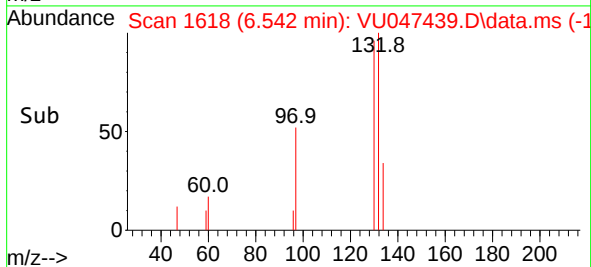
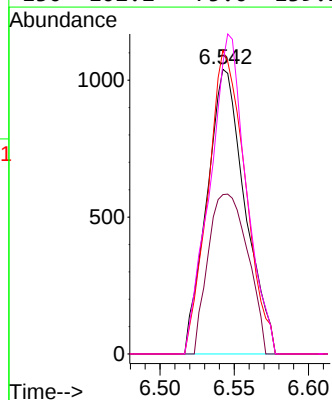
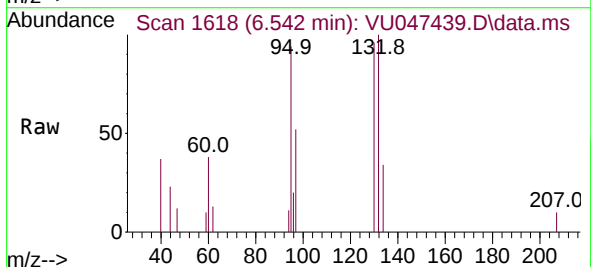
Tgt Ion: 78 Resp: 16410

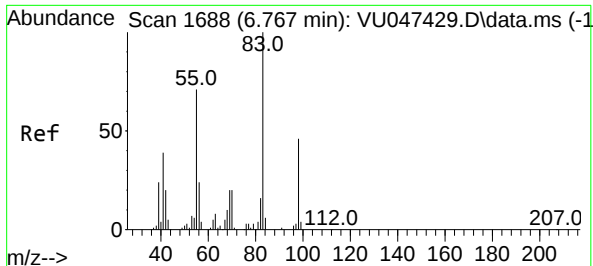


#34
Trichloroethene
Concen: 0.212 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047439.D
Acq: 10 Mar 2022 06:29

Tgt Ion: 95 Resp: 1853

Ion	Ratio	Lower	Upper
95	100		
97	56.0	46.3	85.9
132	106.6	71.7	133.1
130	102.2	75.0	139.2





#35

Methylcyclohexane

Concen: 0.571 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047439.D

Acq: 10 Mar 2022 06:29

Instrument :

MSVOA_U

ClientSampleId :

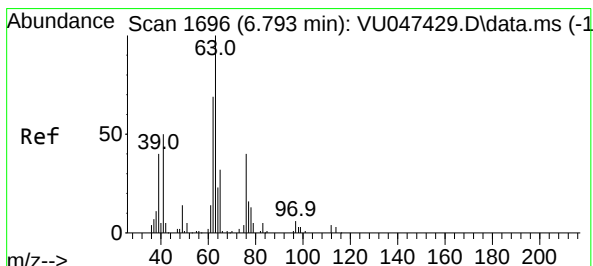
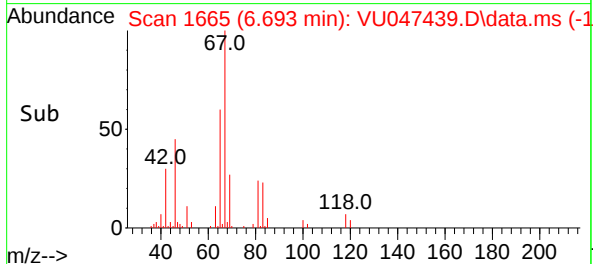
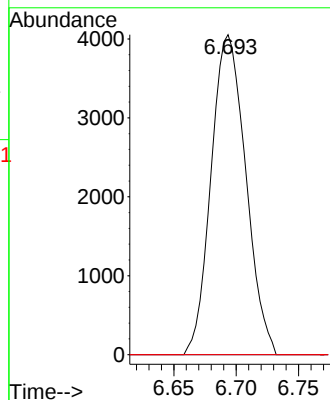
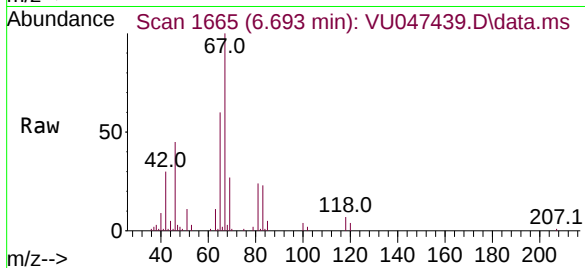
Tgt Ion: 83 Resp: 7849

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: 0.425 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU047439.D

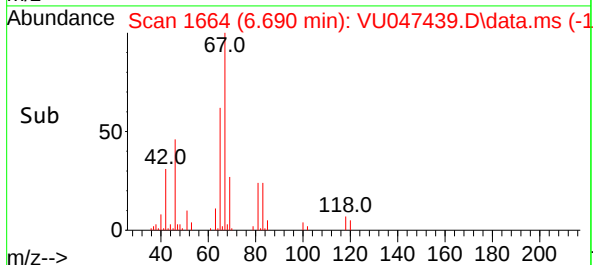
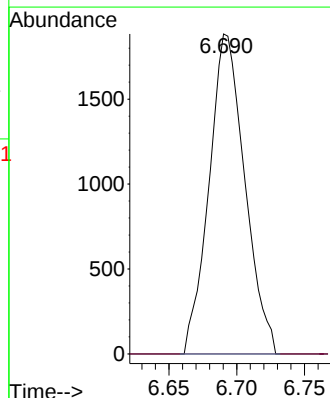
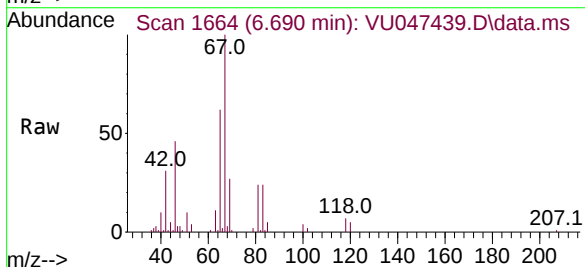
Acq: 10 Mar 2022 06:29

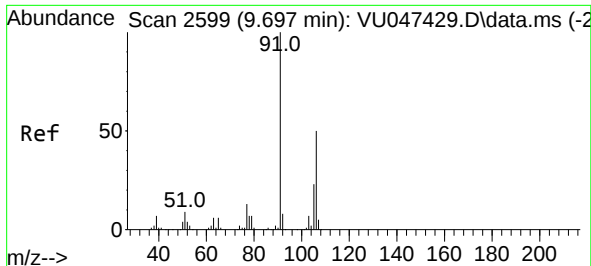
Tgt Ion: 63 Resp: 3452

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

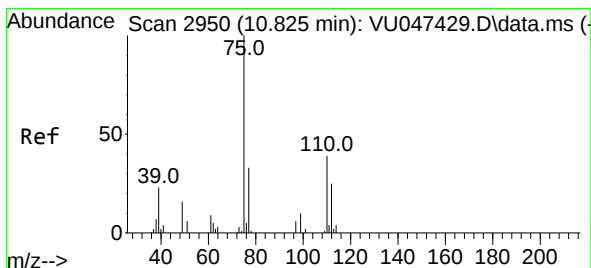
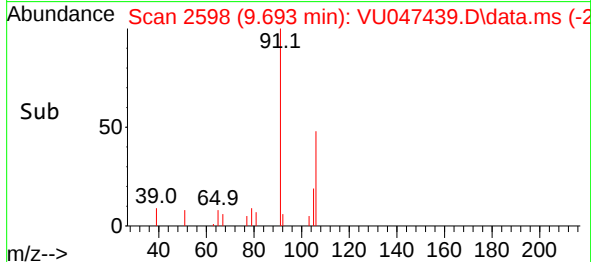
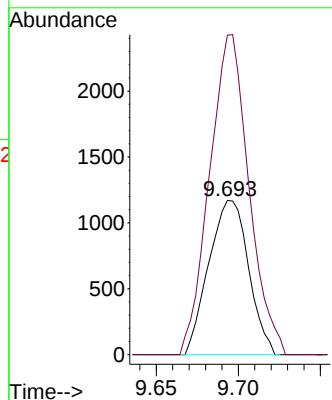
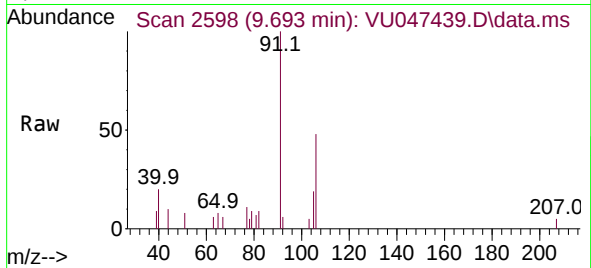




#53
m,p-Xylene
Concen: 0.131 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047439.D
Acq: 10 Mar 2022 06:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 1969
Ion Ratio Lower Upper
106 100
91 207.2 138.8 257.8



#61
1,2,3-Trichloropropane
Concen: 1.118 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047439.D
Acq: 10 Mar 2022 06:29

Tgt Ion: 75 Resp: 6895
Ion Ratio Lower Upper
75 100
110 0.0 31.0 46.4#
77 31.4 26.2 39.4

