

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049261.D
 Acq On : 17 Jun 2022 22:07
 Operator : SY/MD
 Sample : N3320-14 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 05:51:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

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

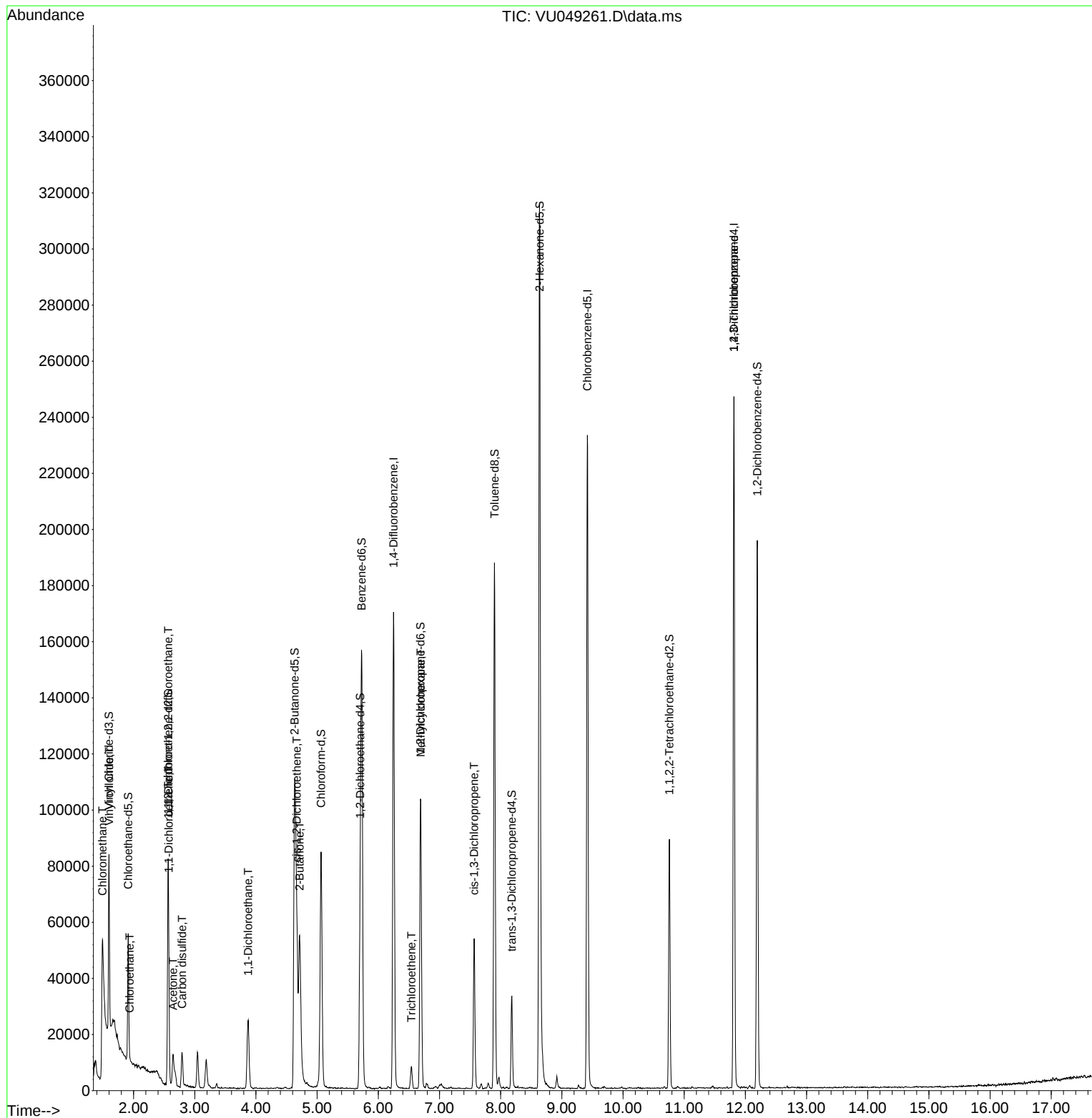
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	133632	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	125426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40607	3.478	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.600%	
7) Chloroethane-d5	1.912	69	29438	3.724	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.400%	
11) 1,1-Dichloroethene-d2	2.565	65	15269	3.251	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.000%	
20) 2-Butanone-d5	4.632	46	154088	49.423	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.840%	
24) Chloroform-d	5.063	84	73365	4.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.000%	
26) 1,2-Dichloroethane-d4	5.703	65	43158	4.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
32) Benzene-d6	5.729	84	141429	3.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.800%	
36) 1,2-Dichloropropane-d6	6.690	67	49938	3.894	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.800%	
41) Toluene-d8	7.899	98	120376	3.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.800%	
43) trans-1,3-Dichloroprop...	8.182	79	18686	3.280	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.600%	
46) 2-Hexanone-d5	8.636	63	112307	48.866	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.740%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44505	4.334	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	47992	3.987	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.800%#	
Target Compounds						Qvalue
3) Chloromethane	1.491	50	1649	0.132	ug/L #	42
5) Vinyl chloride	1.600	62	4862	0.433	ug/L #	1
8) Chloroethane	1.938	64	543	0.084	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	461	0.060	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	984	0.131	ug/L #	1
13) Acetone	2.645	43	18324	11.875	ug/L	97
14) Carbon disulfide	2.793	76	16046	0.647	ug/L	95
19) 1,1-Dichloroethane	3.874	63	28115	1.713	ug/L	98
21) 2-Butanone	4.713	43	83156	28.262	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	16341	1.755	ug/L	98
34) Trichloroethene	6.542	95	2513	0.263	ug/L	92
35) Methylcyclohexane	6.693	83	11565	0.723	ug/L #	16
39) cis-1,3-Dichloropropene	7.565	75	1539	0.099	ug/L	90
61) 1,2,3-Trichloropropane	11.812	75	8046	1.143	ug/L #	68

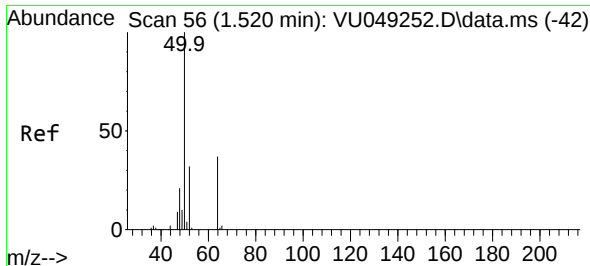
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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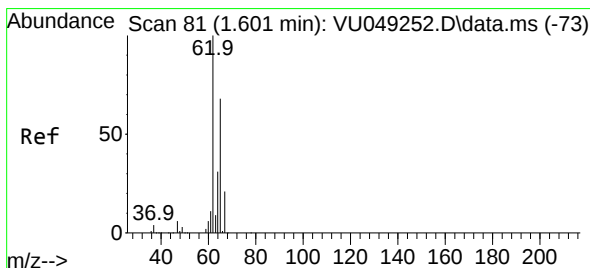
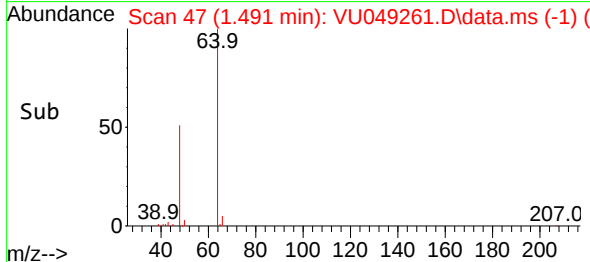
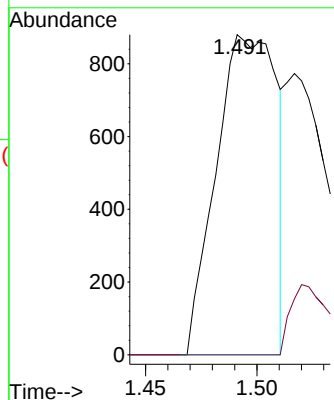
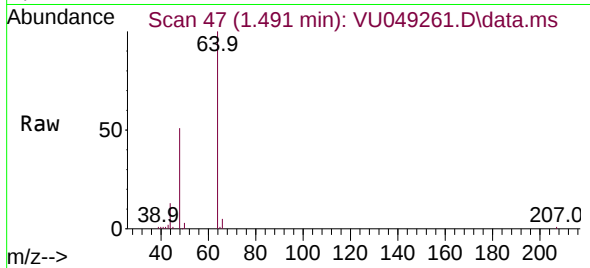




#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.491 min Scan# 41
Delta R.T. -0.029 min
Lab File: VU049261.D
Acq: 17 Jun 2022 22:07

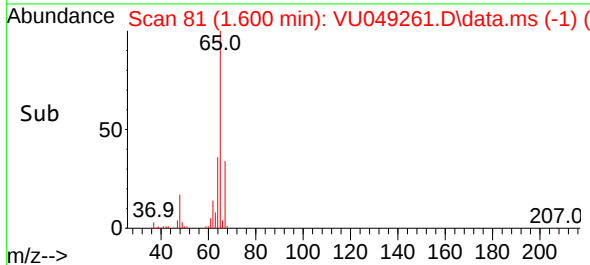
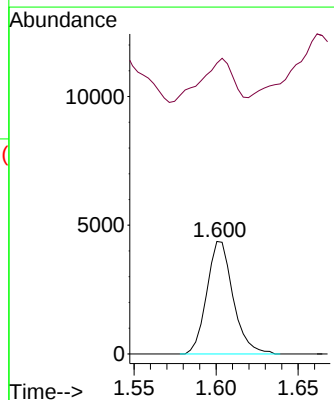
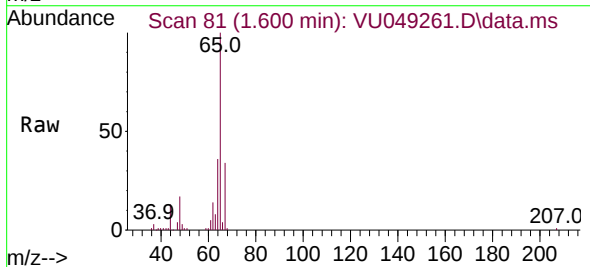
Instrument :
MSVOA_U
ClientSampleId :

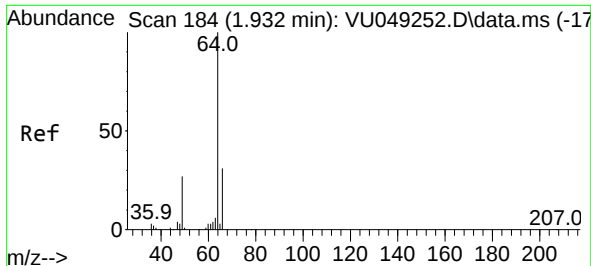
Tgt Ion: 50 Resp: 1649
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#5
Vinyl chloride
Concen: 0.433 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU049261.D
Acq: 17 Jun 2022 22:07

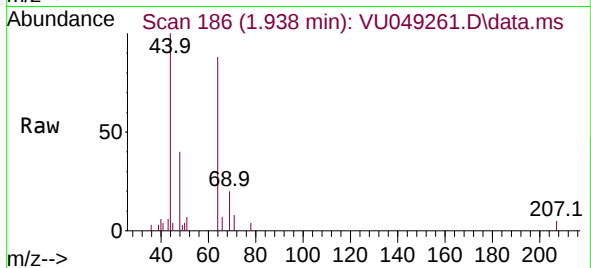
Tgt Ion: 62 Resp: 4862
Ion Ratio Lower Upper
62 100
64 258.4 22.8 42.4#



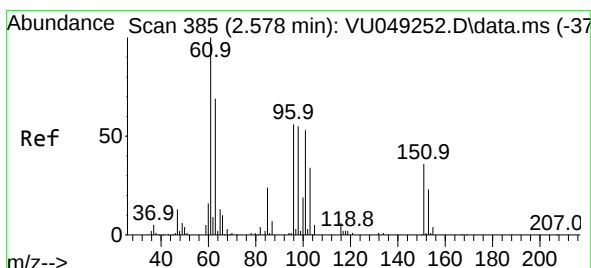
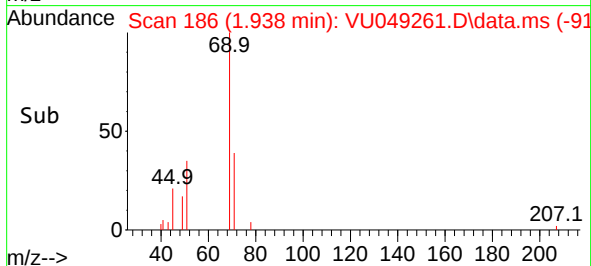
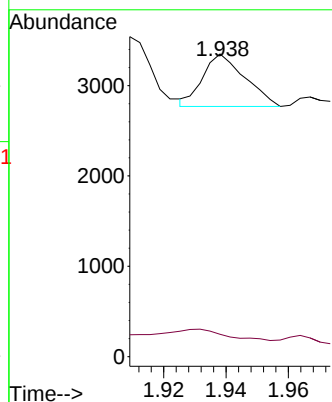


#8
Chloroethane
Concen: 0.084 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU049261.D
Acq: 17 Jun 2022 22:07

Instrument :
MSVOA_U
ClientSampleId :

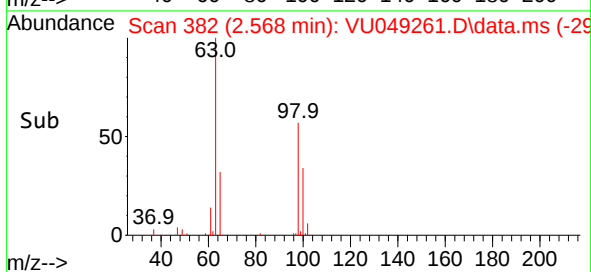
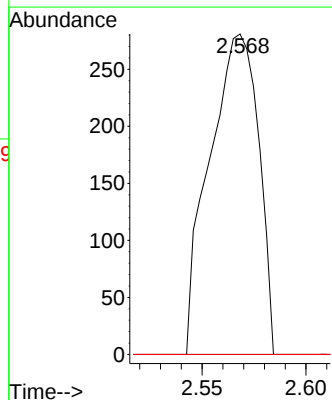
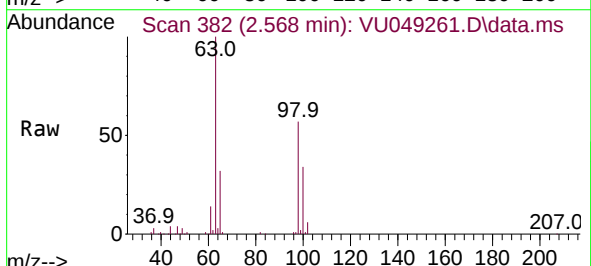


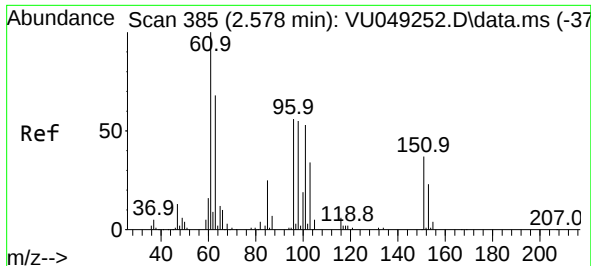
Tgt Ion: 64 Resp: 543
Ion Ratio Lower Upper
64 100
66 7.4 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU049261.D
Acq: 17 Jun 2022 22:07

Tgt Ion: 101 Resp: 461
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: 0.131 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU049261.D

Acq: 17 Jun 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

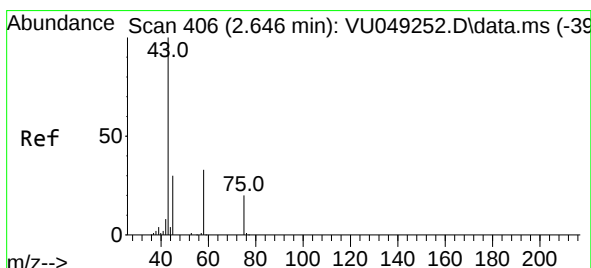
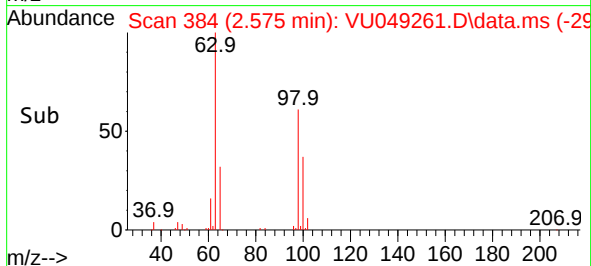
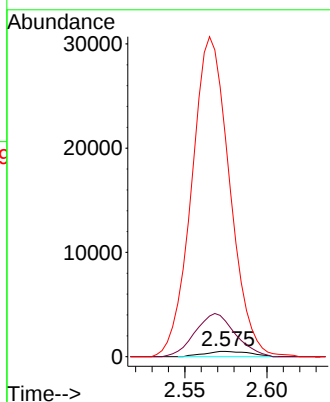
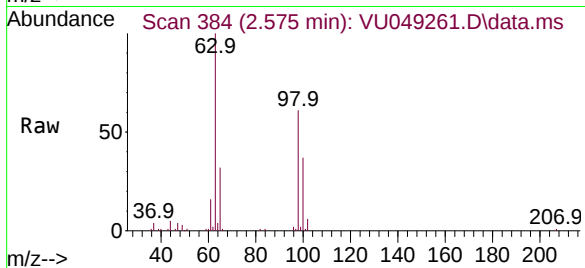
Tgt Ion: 96 Resp: 984

Ion Ratio Lower Upper

96 100

61 666.1 127.2 236.2#

63 4096.5 94.7 175.9#



#13

Acetone

Concen: 11.875 ug/L

RT: 2.645 min Scan# 406

Delta R.T. -0.000 min

Lab File: VU049261.D

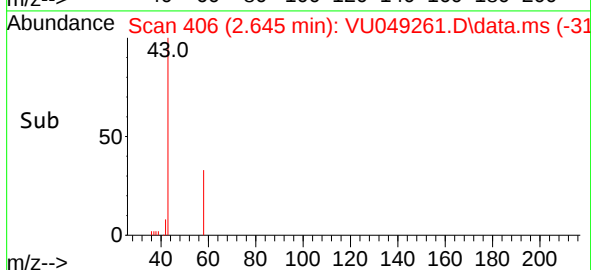
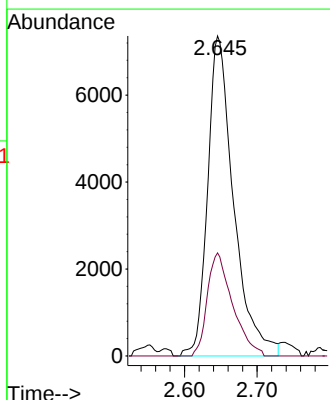
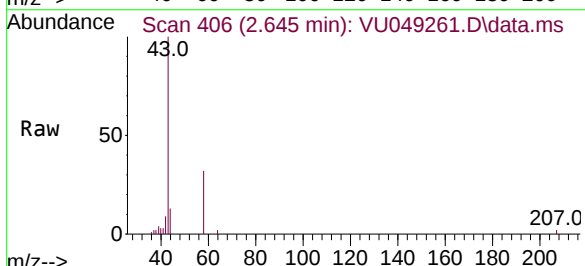
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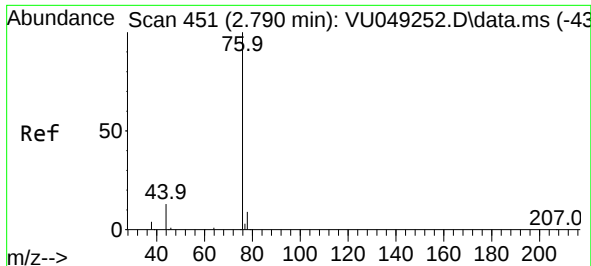
Tgt Ion: 43 Resp: 18324

Ion Ratio Lower Upper

43 100

58 31.3 0.0 65.8

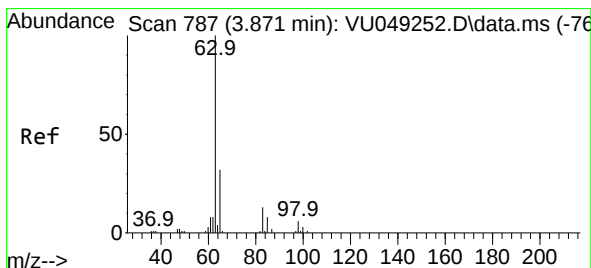
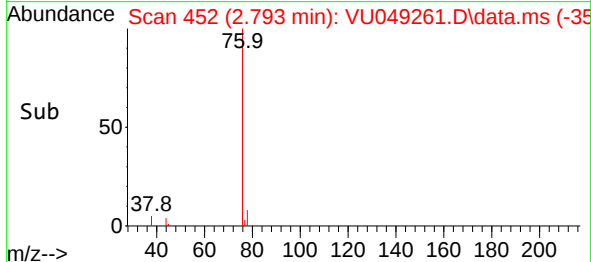
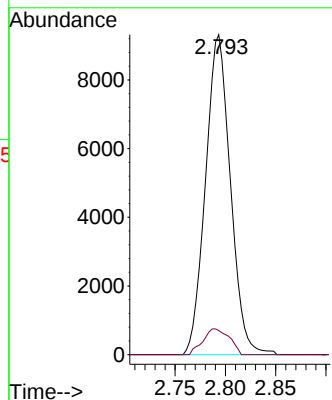
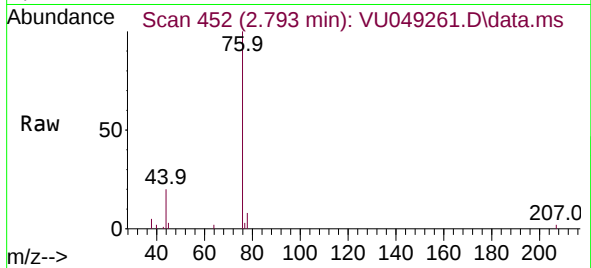




#14
Carbon disulfide
Concen: 0.647 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU049261.D
Acq: 17 Jun 2022 22:07

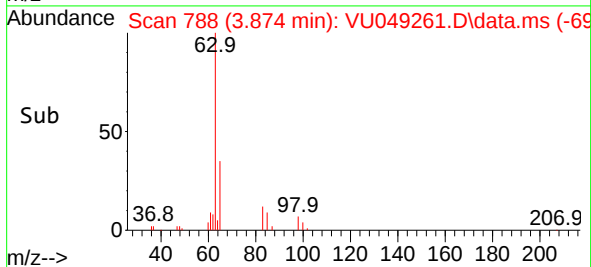
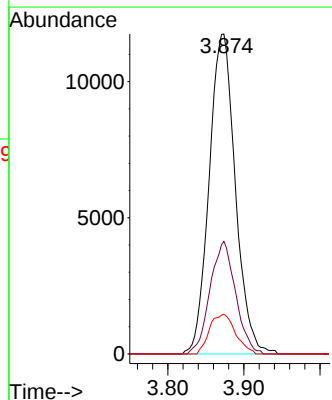
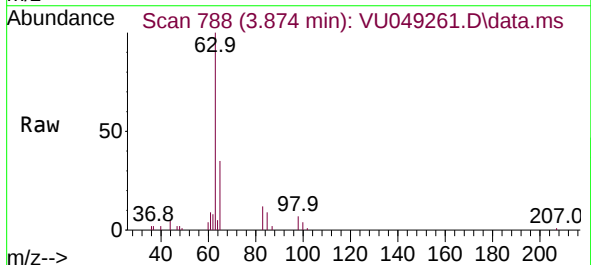
Instrument :
MSVOA_U
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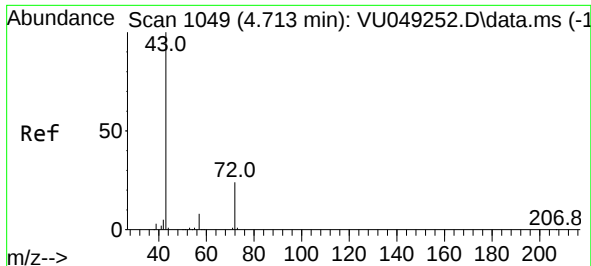
Tgt Ion: 76 Resp: 16046
Ion Ratio Lower Upper
76 100
78 7.5 7.5 11.3



#19
1,1-Dichloroethane
Concen: 1.713 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.003 min
Lab File: VU049261.D
Acq: 17 Jun 2022 22:07

Tgt Ion: 63 Resp: 28115
Ion Ratio Lower Upper
63 100
65 35.2 24.0 44.6
83 12.4 9.1 16.9

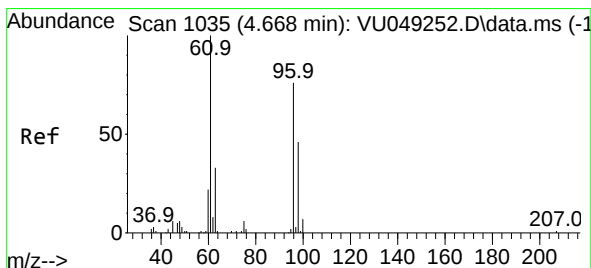
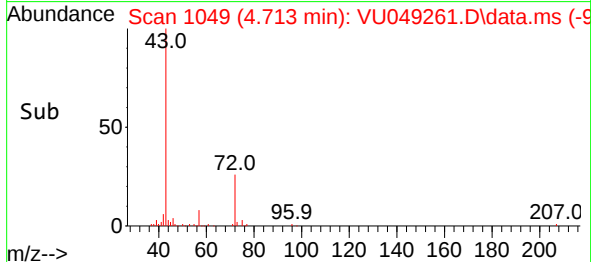
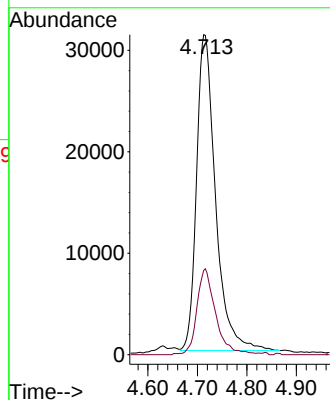
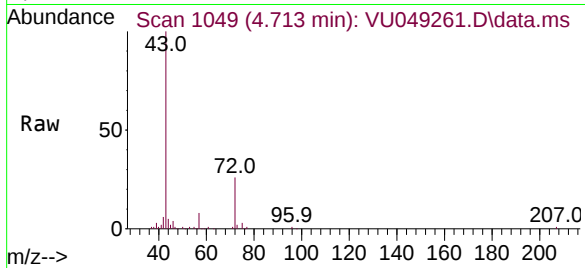




#21
2-Butanone
Concen: 28.262 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU049261.D
Acq: 17 Jun 2022 22:07

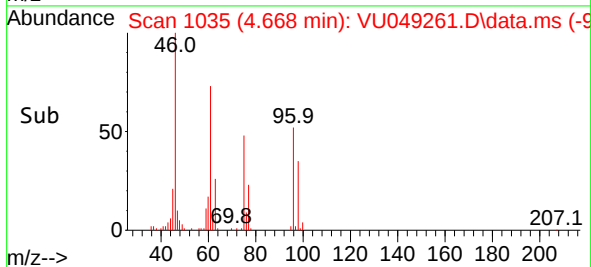
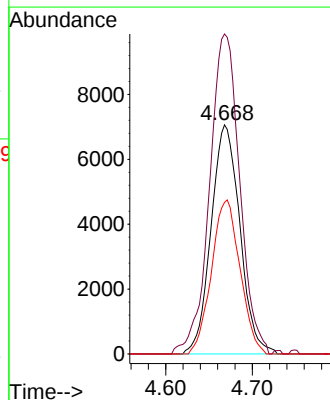
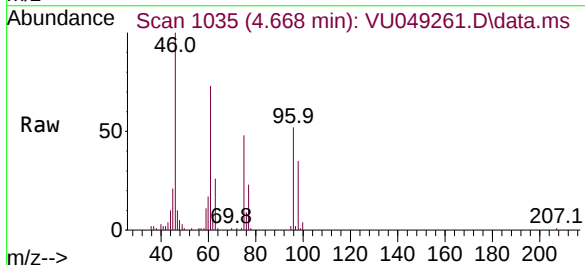
Instrument :
MSVOA_U
ClientSampleId :

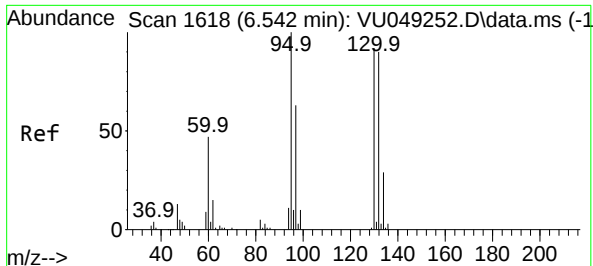
Tgt Ion: 43 Resp: 83156
Ion Ratio Lower Upper
43 100
72 26.8 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 1.755 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU049261.D
Acq: 17 Jun 2022 22:07

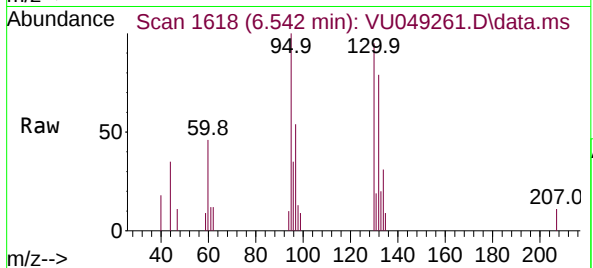
Tgt Ion: 96 Resp: 16341
Ion Ratio Lower Upper
96 100
61 139.7 99.5 184.9
98 66.2 44.8 83.2





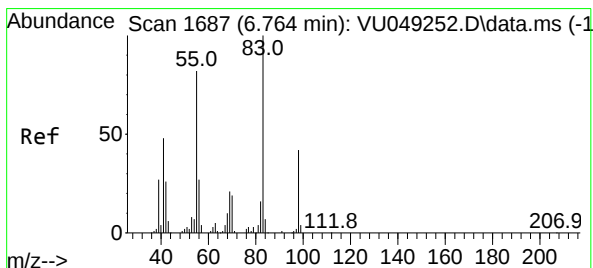
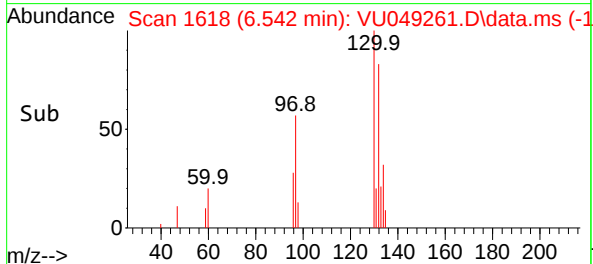
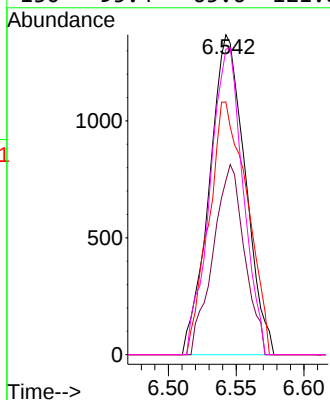
#34
Trichloroethene
Concen: 0.263 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049261.D
Acq: 17 Jun 2022 22:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 2513

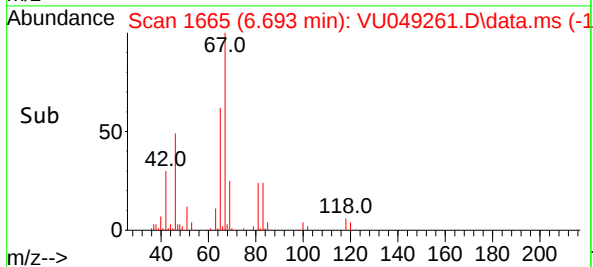
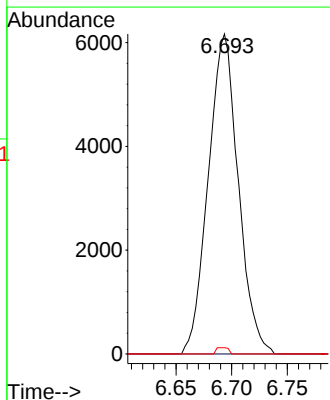
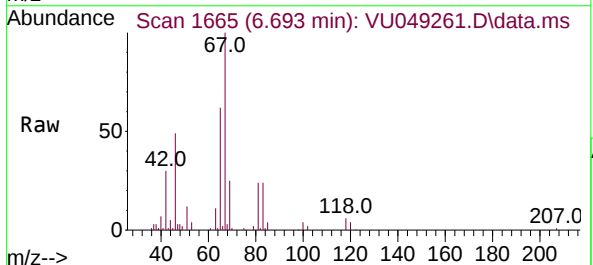
Ion	Ratio	Lower	Upper
95	100		
97	54.4	45.3	84.1
132	79.0	61.5	114.3
130	95.4	65.6	121.8

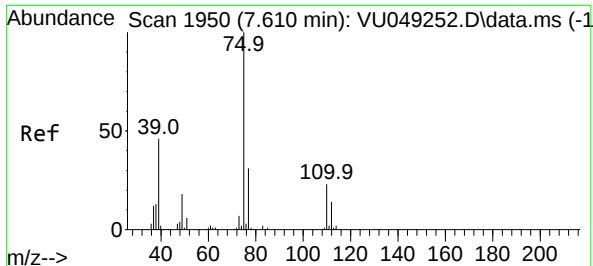


#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049261.D
Acq: 17 Jun 2022 22:07

Tgt Ion: 83 Resp: 11565

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.9	100.3#
98	0.8	35.5	53.3#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU049261.D

Acq: 17 Jun 2022 22:07

Instrument :

MSVOA_U

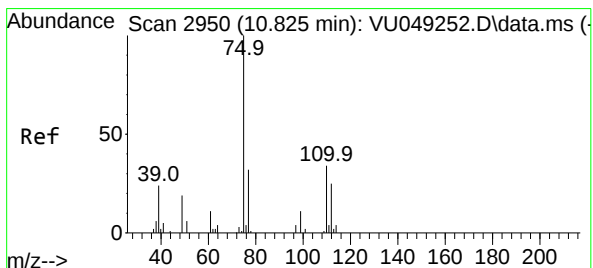
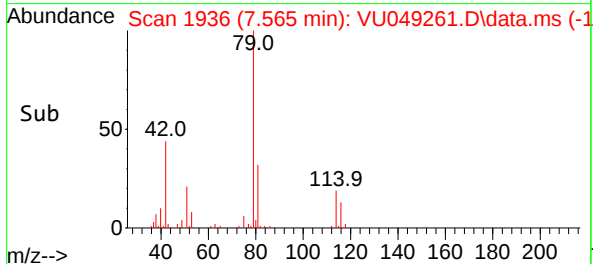
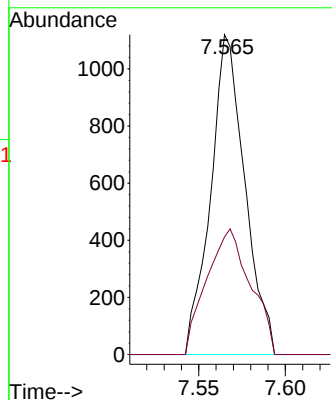
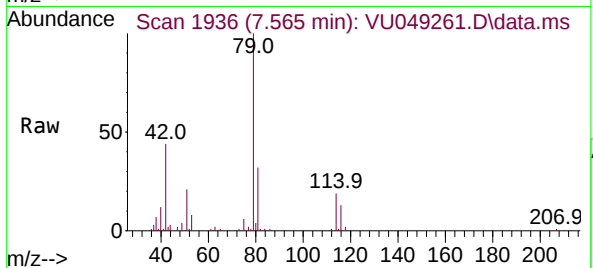
ClientSampleId :

Tgt Ion: 75 Resp: 1539

Ion Ratio Lower Upper

75 100

77 36.8 21.8 40.4



#61

1,2,3-Trichloropropane

Concen: 1.143 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU049261.D

Acq: 17 Jun 2022 22:07

Tgt Ion: 75 Resp: 8046

Ion Ratio Lower Upper

75 100

110 1.6 29.0 43.4#

77 34.4 26.2 39.2

