

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047442.D
 Acq On : 10 Mar 2022 07:40
 Operator : SY/MD
 Sample : N1857-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 10 08:10:03 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)

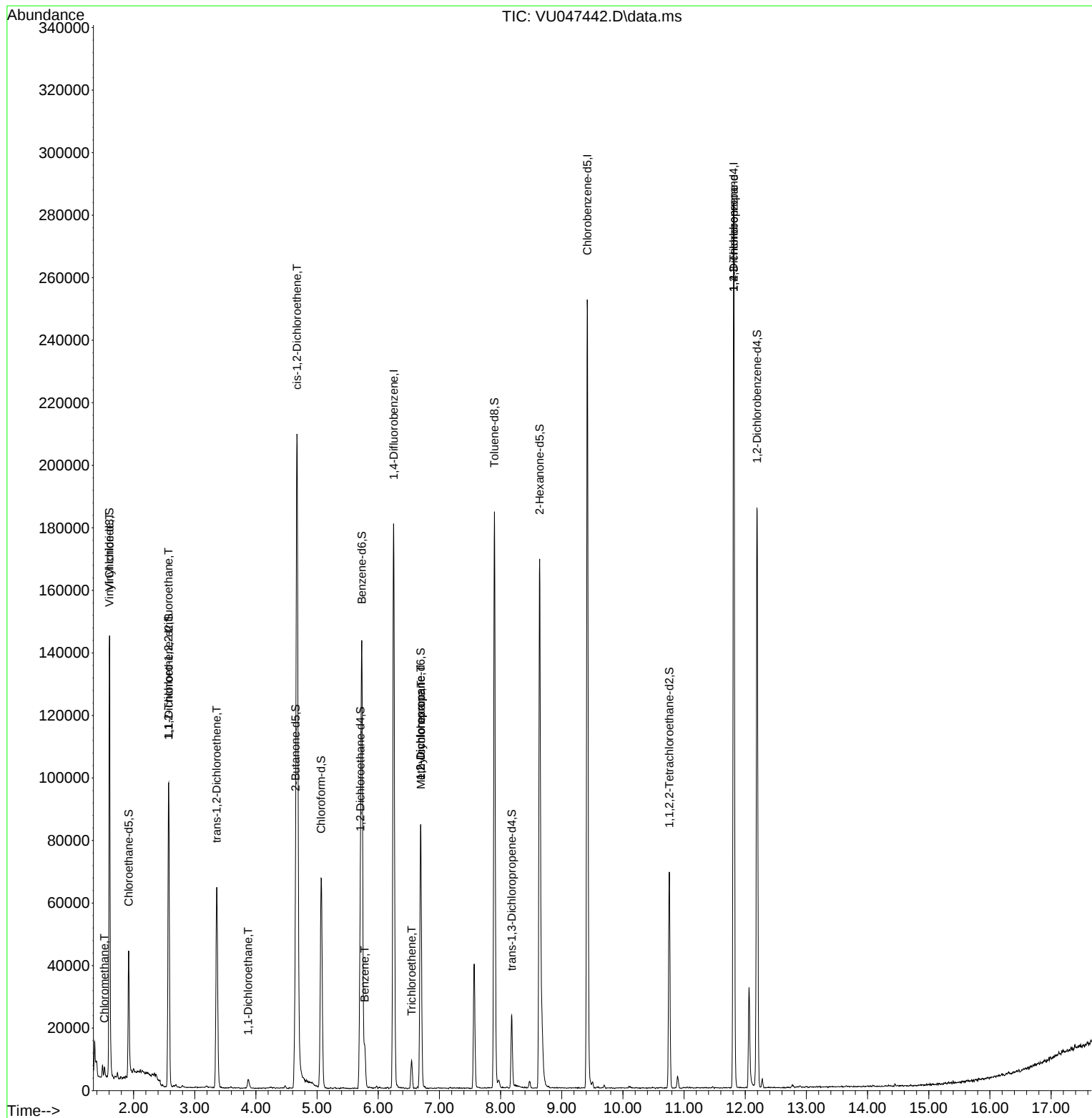
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	156065	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	148495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79986	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	41052	4.850	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.919	69	30183	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.575	65	17743	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.649	46	60974	40.461	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.920%
24) Chloroform-d	5.067	84	63541	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.706	65	34183	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.732	84	138313	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.693	67	40578	4.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.899	98	129254	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.182	79	14060	4.008	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.639	63	74268	48.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34830	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	52240	5.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1879	0.161	ug/L	91
5) Vinyl chloride	1.607	62	65128	5.675	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	551	0.059	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	28122	2.867	ug/L	99
19) 1,1-Dichloroethane	3.874	63	3783	0.227	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	105603	9.715	ug/L	97
33) Benzene	5.780	78	12501	0.312	ug/L	100
34) Trichloroethene	6.546	95	3250	0.303	ug/L	85
35) Methylcyclohexane	6.697	83	9394	0.555	ug/L #	22
37) 1,2-Dichloropropane	6.693	63	4197	0.420	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	8438	1.139	ug/L #	66

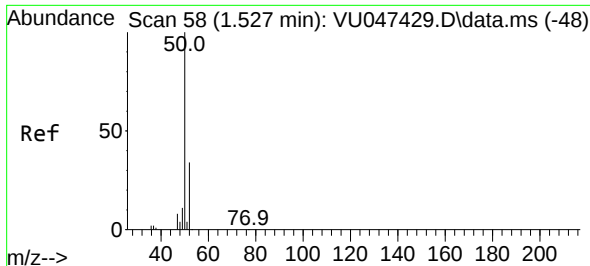
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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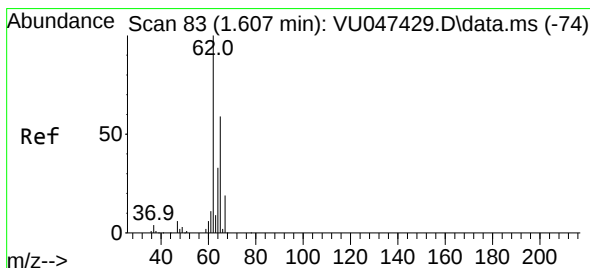
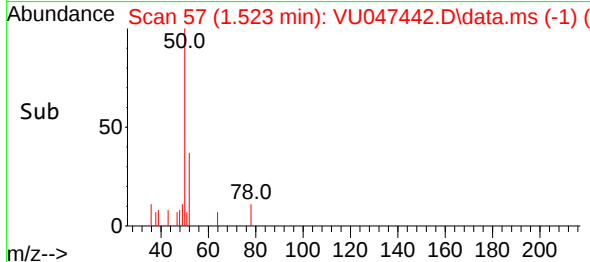
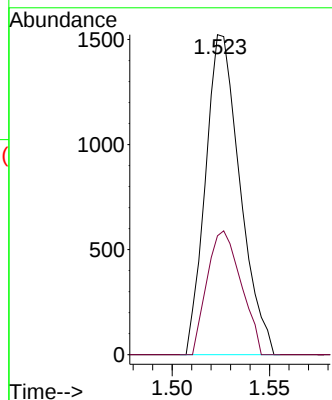
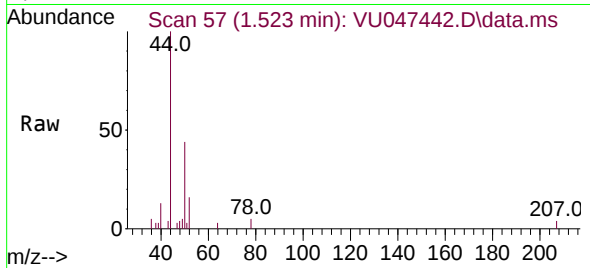




#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047442.D
Acq: 10 Mar 2022 07:40

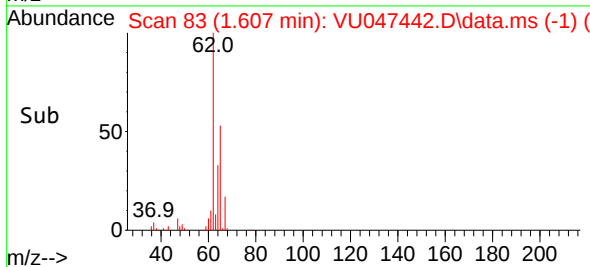
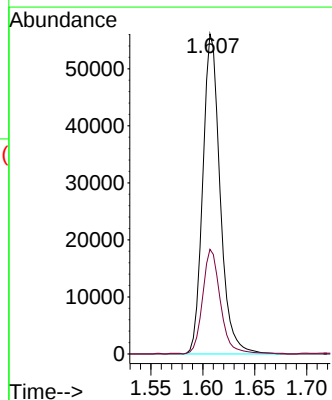
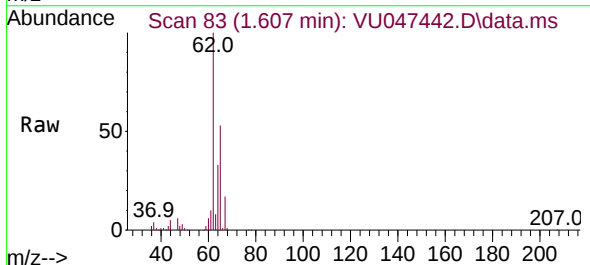
Instrument :
MSVOA_U
ClientSampleId :

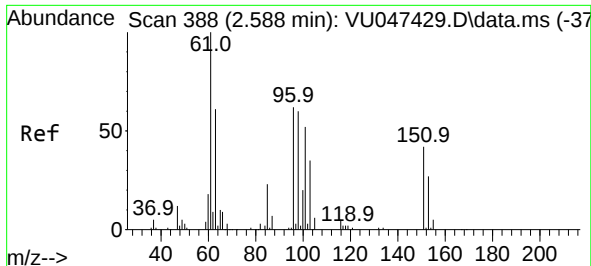
Tgt Ion: 50 Resp: 1879
Ion Ratio Lower Upper
50 100
52 37.2 22.5 41.9



#5
Vinyl chloride
Concen: 5.675 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047442.D
Acq: 10 Mar 2022 07:40

Tgt Ion: 62 Resp: 65128
Ion Ratio Lower Upper
62 100
64 32.7 23.7 43.9

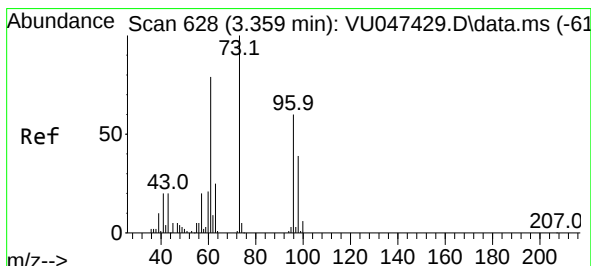
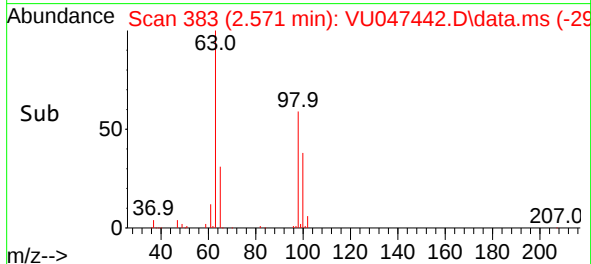
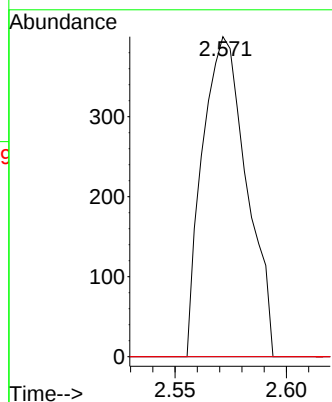
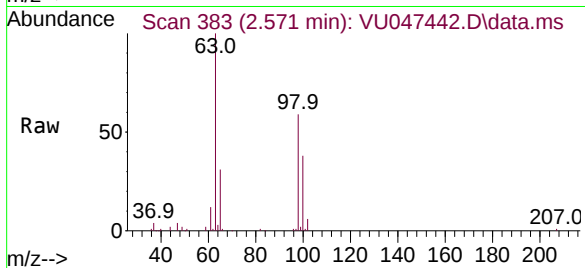




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU047442.D
Acq: 10 Mar 2022 07:40

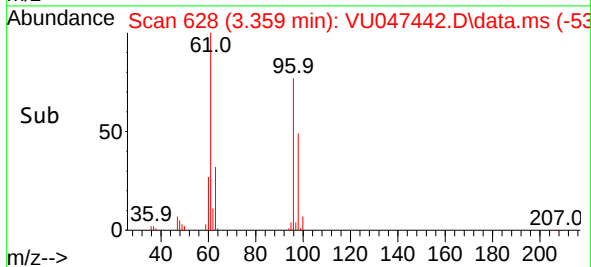
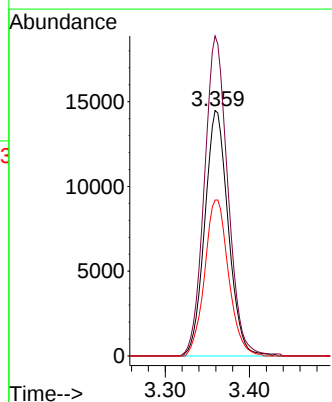
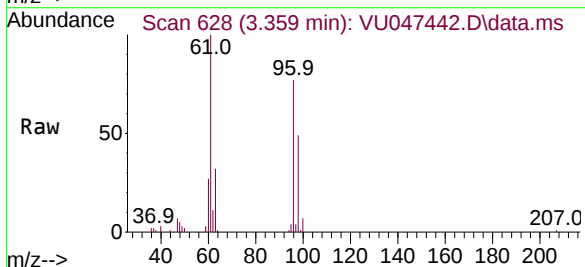
Instrument :
MSVOA_U
ClientSampleId :

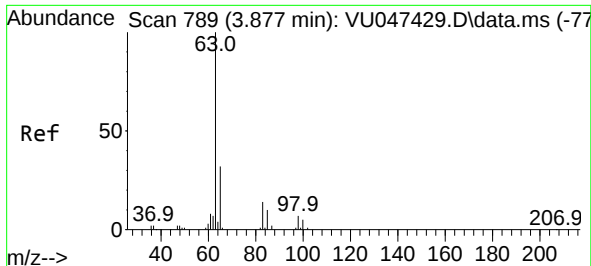
Tgt Ion:101 Resp: 551
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#



#18
trans-1,2-Dichloroethene
Concen: 2.867 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047442.D
Acq: 10 Mar 2022 07:40

Tgt Ion: 96 Resp: 28122
Ion Ratio Lower Upper
96 100
61 130.4 90.4 167.8
98 63.5 45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.227 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

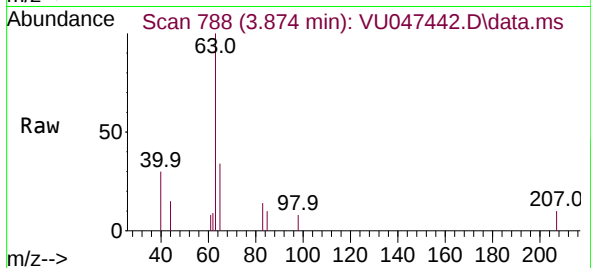
Lab File: VU047442.D

Acq: 10 Mar 2022 07:40

Instrument :

MSVOA_U

ClientSampleId :



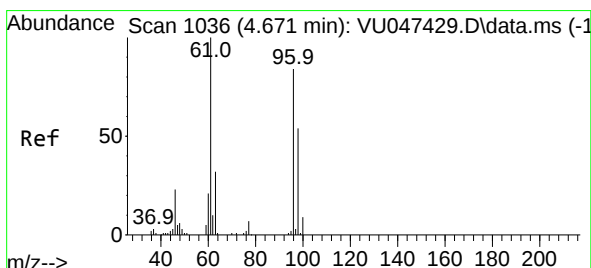
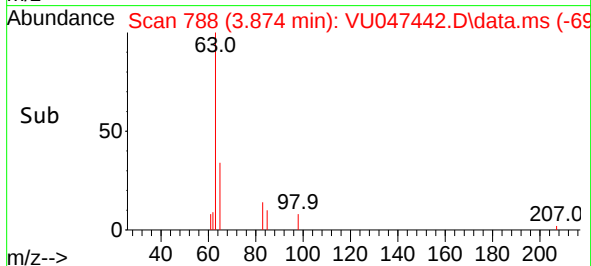
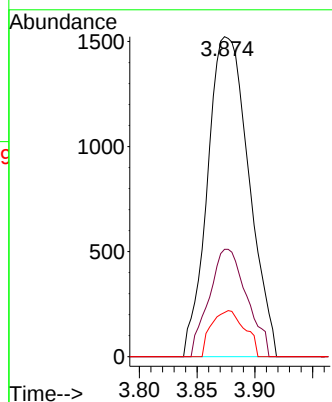
Tgt Ion: 63 Resp: 3783

Ion Ratio Lower Upper

63 100

65 33.6 22.8 42.4

83 13.8 9.9 18.3



#22

cis-1,2-Dichloroethene

Concen: 9.715 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047442.D

Acq: 10 Mar 2022 07:40

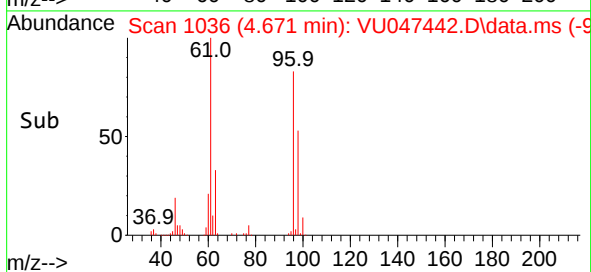
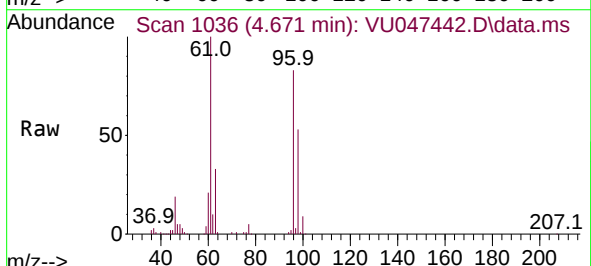
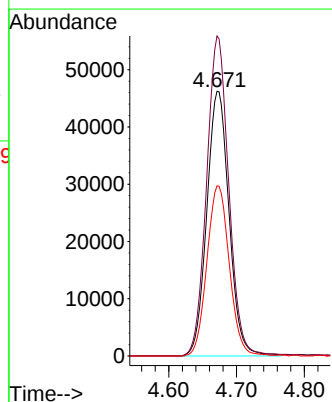
Tgt Ion: 96 Resp: 105603

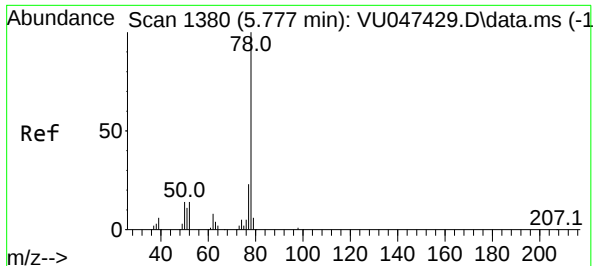
Ion Ratio Lower Upper

96 100

61 120.9 80.8 150.0

98 64.3 44.7 83.1

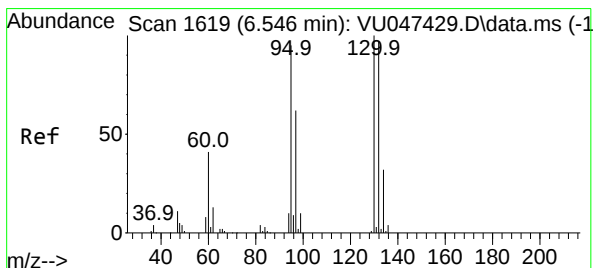
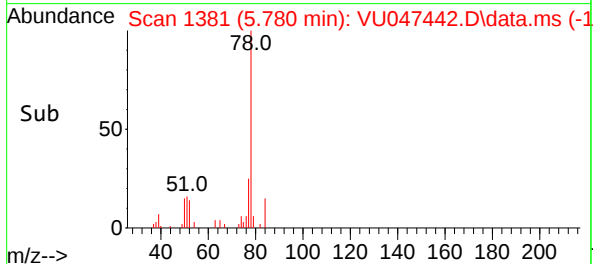
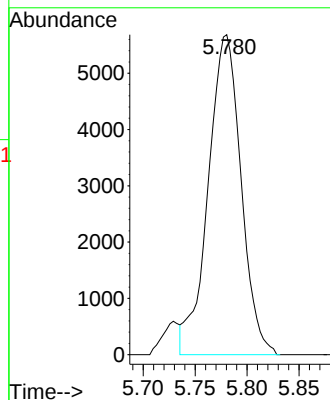
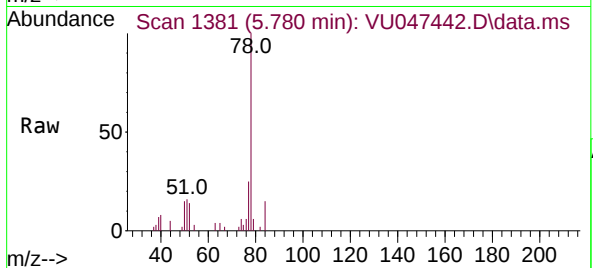




#33
Benzene
Concen: 0.312 ug/L
RT: 5.780 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047442.D
Acq: 10 Mar 2022 07:40

Instrument :
MSVOA_U
ClientSampleId :

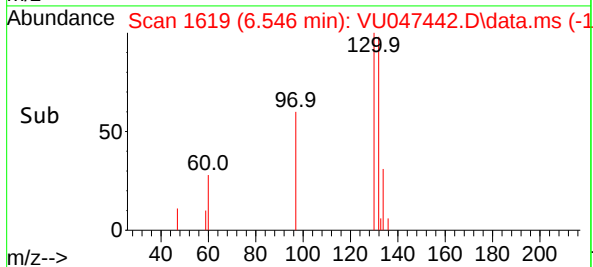
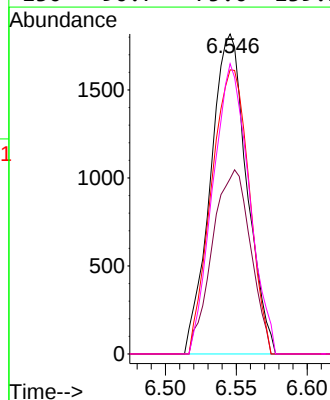
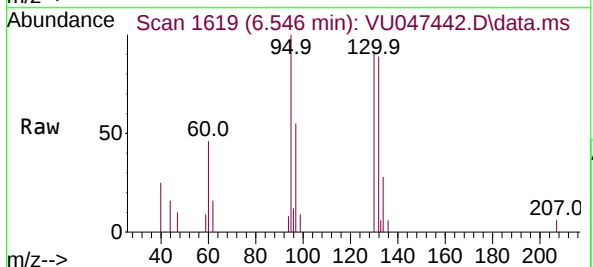
Tgt Ion: 78 Resp: 12501

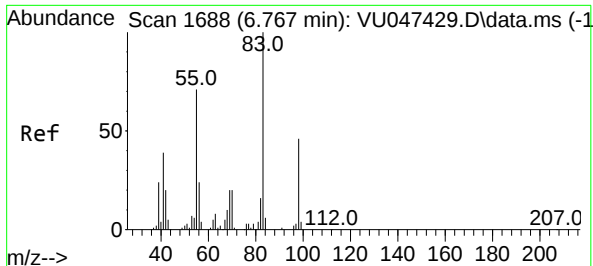


#34
Trichloroethene
Concen: 0.303 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047442.D
Acq: 10 Mar 2022 07:40

Tgt Ion: 95 Resp: 3250

Ion	Ratio	Lower	Upper
95	100		
97	54.8	46.3	85.9
132	88.8	71.7	133.1
130	90.7	75.0	139.2

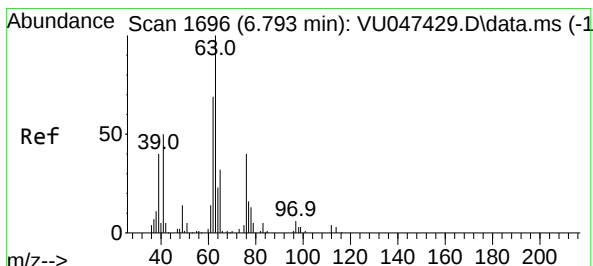
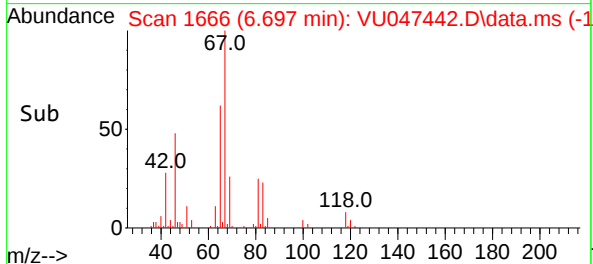
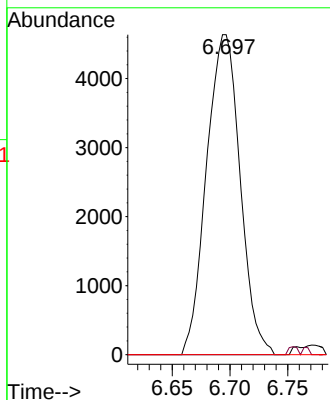
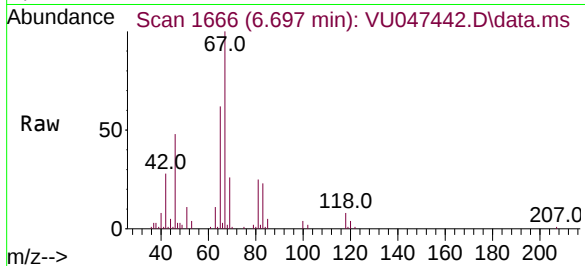




#35
Methylcyclohexane
Concen: 0.555 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU047442.D
Acq: 10 Mar 2022 07:40

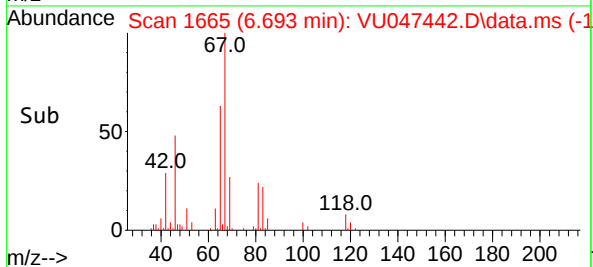
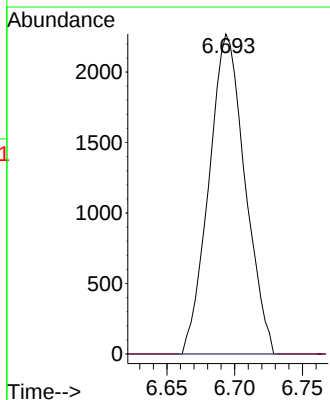
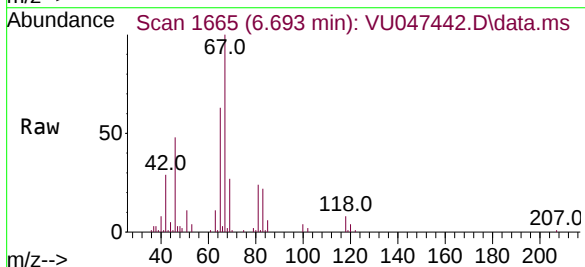
Instrument :
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ClientSampleId :

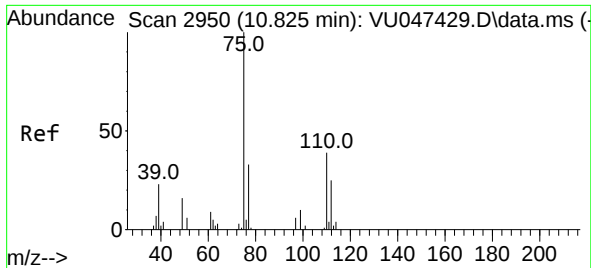
Tgt Ion: 83 Resp: 9394
Ion Ratio Lower Upper
83 100
55 0.7 57.8 86.8#
98 2.5 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.420 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047442.D
Acq: 10 Mar 2022 07:40

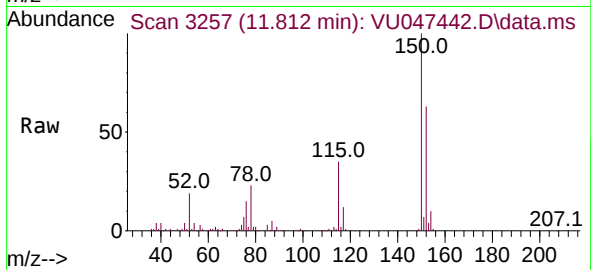
Tgt Ion: 63 Resp: 4197
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.139 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047442.D
 Acq: 10 Mar 2022 07:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8438
 Ion Ratio Lower Upper
 75 100
 110 1.7 31.0 46.4#
 77 32.0 26.2 39.4

