

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047516.D
 Acq On : 12 Mar 2022 01:03
 Operator : SY/MD
 Sample : N1861-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YATN3

Quant Time: Mar 14 01:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 03:24:52 2022
 Response via : Initial Calibration

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

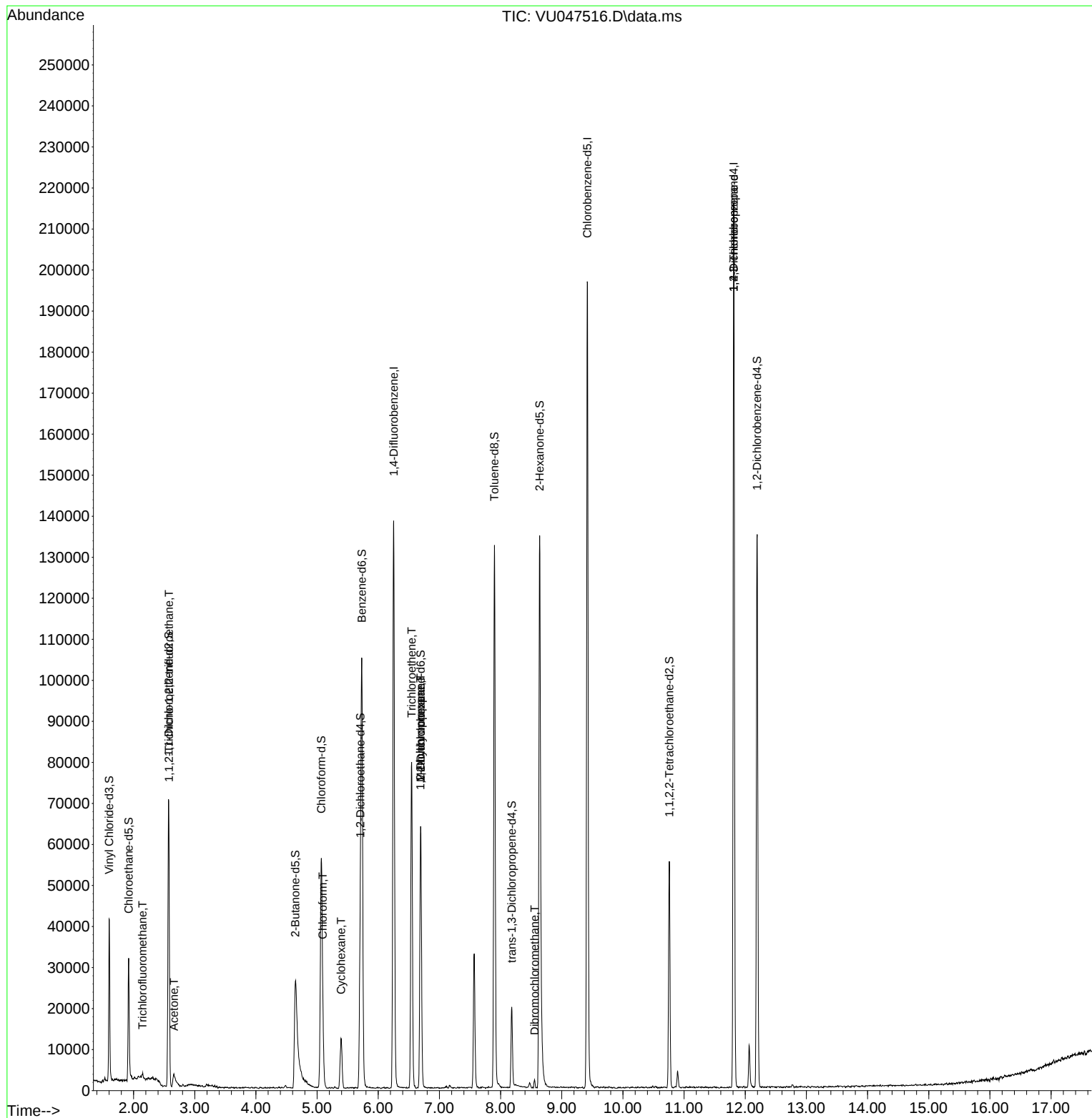
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	119324	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118069	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28589	4.418	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.919	69	22411	4.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.575	65	13243	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.645	46	61935	53.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.500%
24) Chloroform-d	5.070	84	50980	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.706	65	26400	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.732	84	100875	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.694	67	31263	4.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.899	98	91833	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.182	79	11858	4.251	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.639	63	53889	43.854	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	27271	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	38421	5.023	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	579	0.050	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	397	0.056	ug/L #	17
13) Acetone	2.662	43	7986	7.544	ug/L	79
25) Chloroform	5.092	83	10980	0.795	ug/L	98
30) Cyclohexane	5.395	56	5872	0.500	ug/L	97
34) Trichloroethene	6.546	95	26881	3.154	ug/L	98
35) Methylcyclohexane	6.694	83	7554	0.562	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	3099	0.390	ug/L #	88
49) Dibromochloromethane	8.555	129	454	0.057	ug/L #	12
61) 1,2,3-Trichloropropane	11.812	75	6269	1.122	ug/L #	66

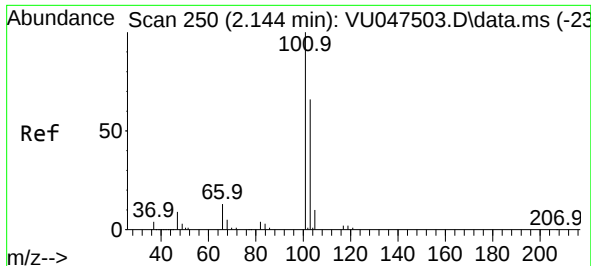
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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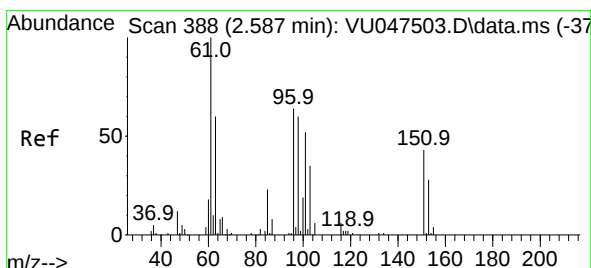
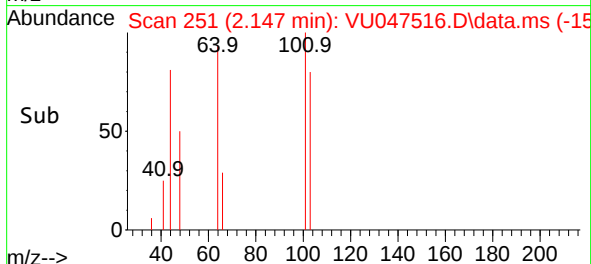
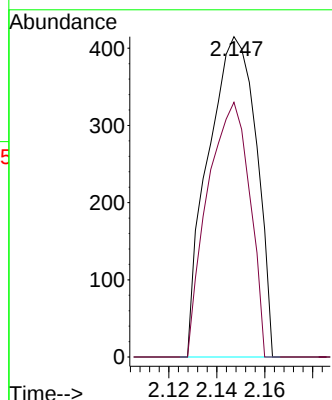
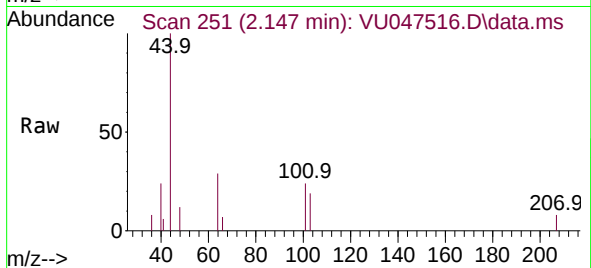




#9
Trichlorofluoromethane
Concen: 0.050 ug/L
RT: 2.147 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047516.D
Acq: 12 Mar 2022 01:03

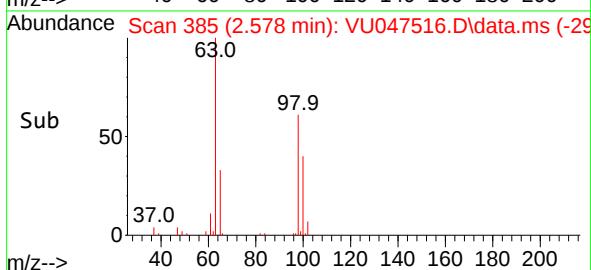
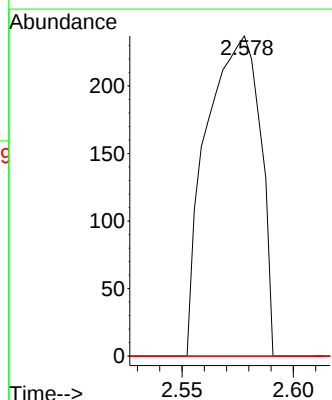
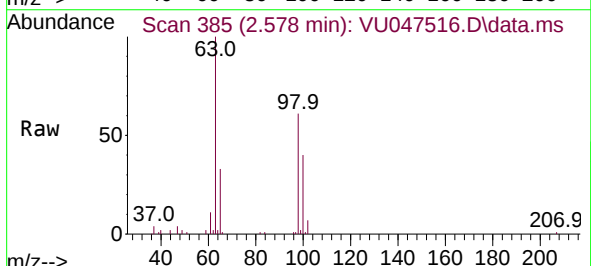
Instrument :
MSVOA_U
ClientSampleId :
YATN3

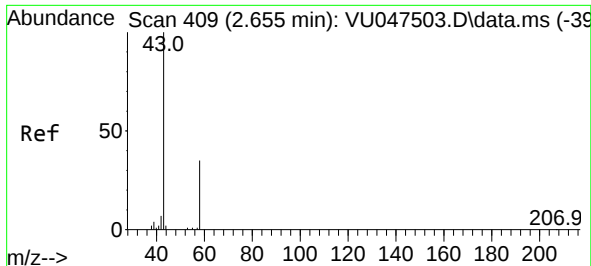
Tgt Ion:101 Resp: 579
Ion Ratio Lower Upper
101 100
103 69.4 51.8 77.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.009 min
Lab File: VU047516.D
Acq: 12 Mar 2022 01:03

Tgt Ion:101 Resp: 397
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#

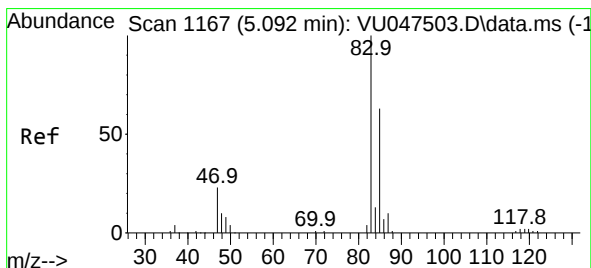
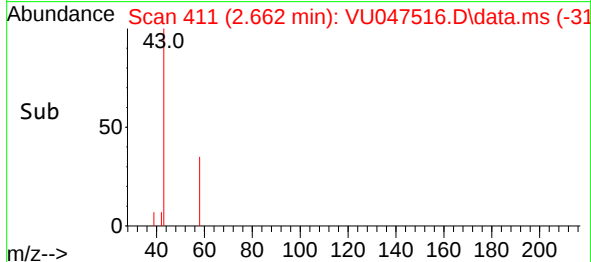
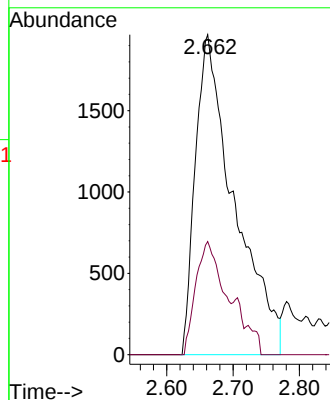
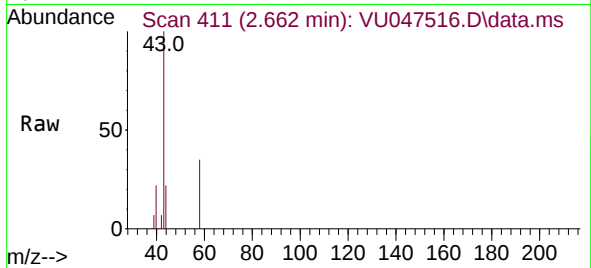




#13
Acetone
Concen: 7.544 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.007 min
Lab File: VU047516.D
Acq: 12 Mar 2022 01:03

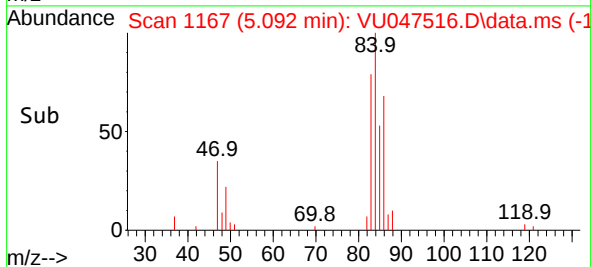
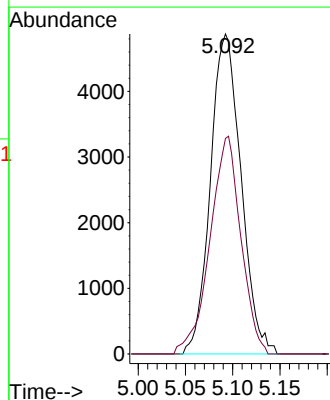
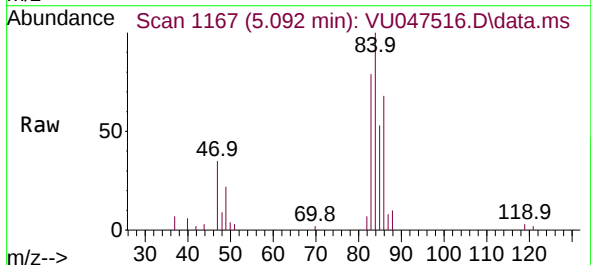
Instrument :
MSVOA_U
ClientSampleId :
YATN3

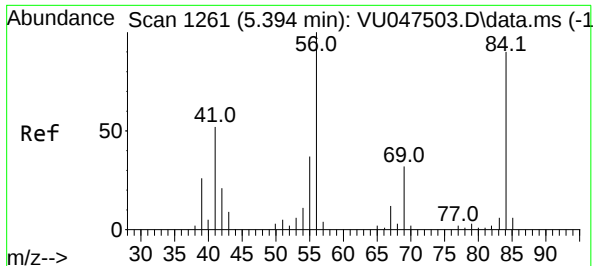
Tgt Ion: 43 Resp: 7986
Ion Ratio Lower Upper
43 100
58 23.9 0.0 72.6



#25
Chloroform
Concen: 0.795 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047516.D
Acq: 12 Mar 2022 01:03

Tgt Ion: 83 Resp: 10980
Ion Ratio Lower Upper
83 100
85 67.3 46.2 85.8

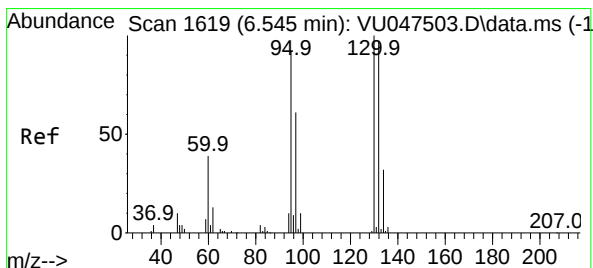
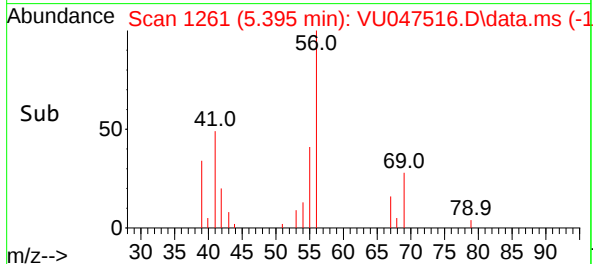
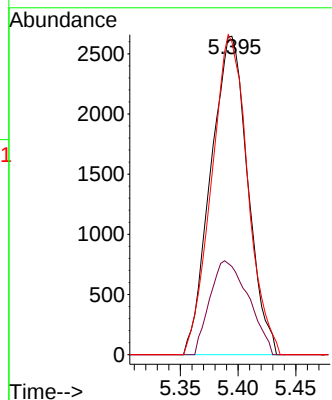
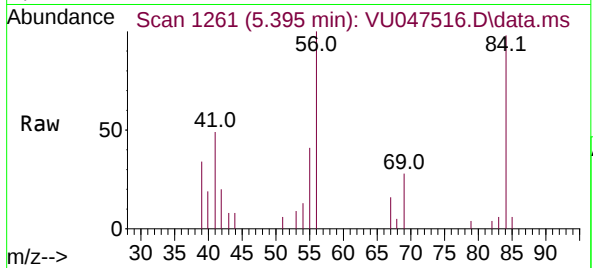




#30
Cyclohexane
Concen: 0.500 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU047516.D
Acq: 12 Mar 2022 01:03

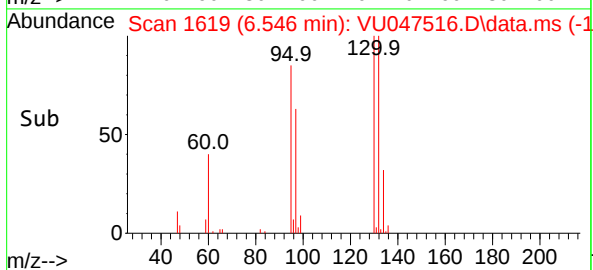
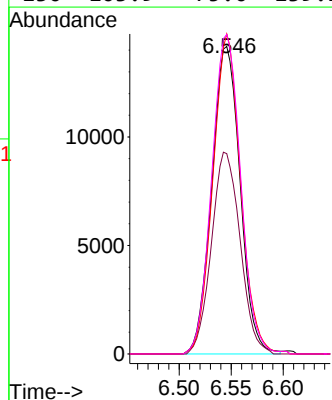
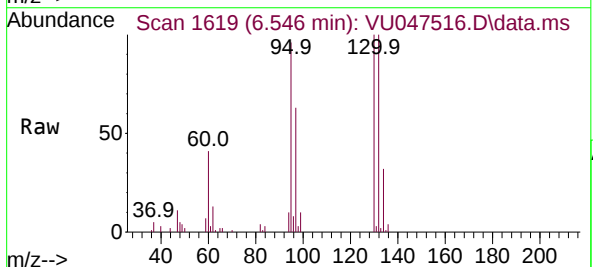
Instrument :
MSVOA_U
ClientSampleId :
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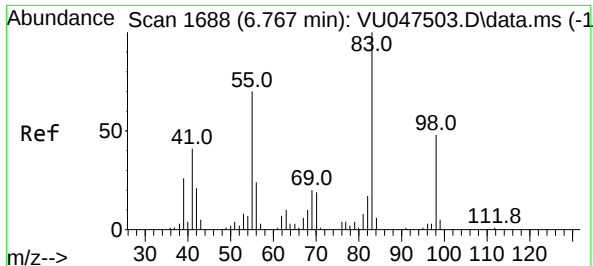
Tgt Ion:	56	Resp:	5872
Ion	Ratio	Lower	Upper
56	100		
69	30.8	26.0	39.0
84	98.4	76.3	114.5



#34
Trichloroethene
Concen: 3.154 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047516.D
Acq: 12 Mar 2022 01:03

Tgt Ion:	95	Resp:	26881
Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.3	85.9
132	104.1	71.7	133.1
130	103.9	75.0	139.2

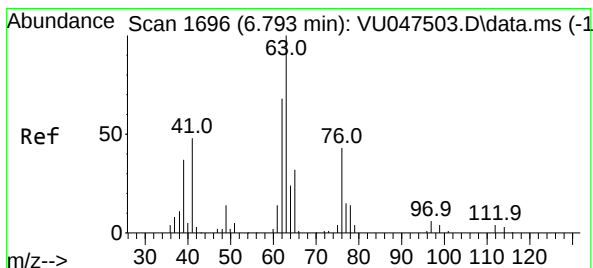
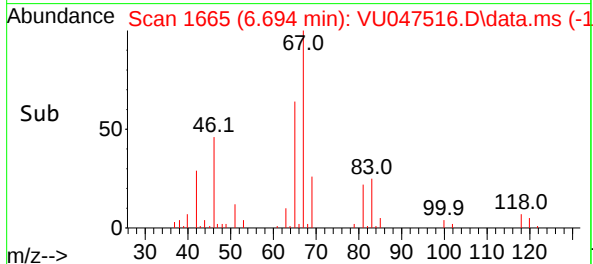
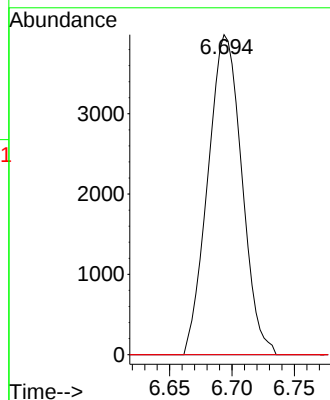
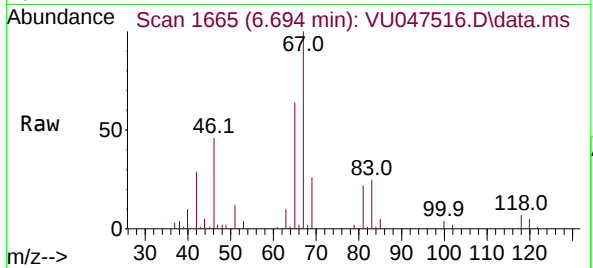




#35
Methylcyclohexane
Concen: 0.562 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047516.D
Acq: 12 Mar 2022 01:03

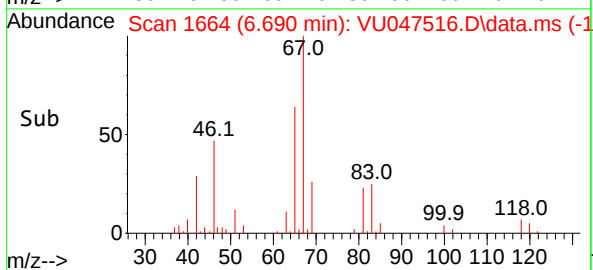
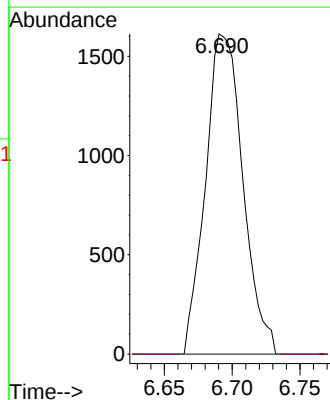
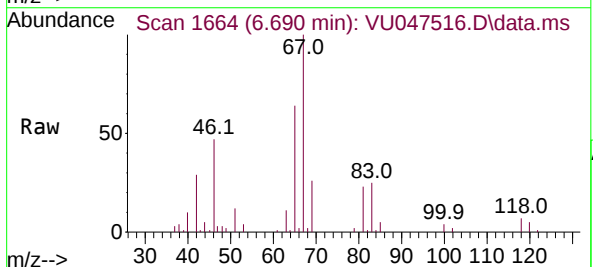
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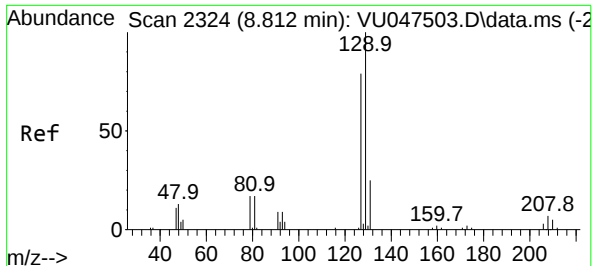
Tgt Ion: 83 Resp: 7554
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.3 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.390 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU047516.D
Acq: 12 Mar 2022 01:03

Tgt Ion: 63 Resp: 3099
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#49

Dibromochloromethane

Concen: 0.057 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU047516.D

Acq: 12 Mar 2022 01:03

Instrument :

MSVOA_U

ClientSampleId :

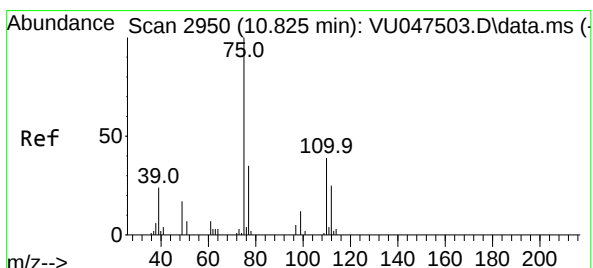
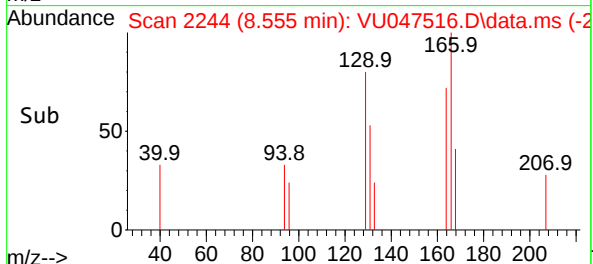
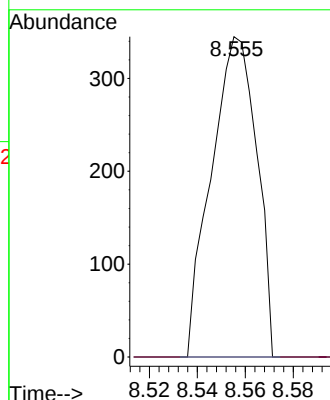
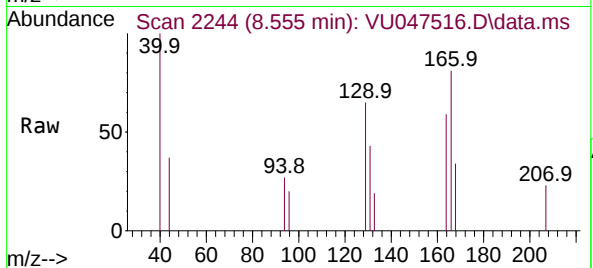
YATN3

Tgt Ion:129 Resp: 454

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#



#61

1,2,3-Trichloropropane

Concen: 1.122 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047516.D

Acq: 12 Mar 2022 01:03

Tgt Ion: 75 Resp: 6269

Ion Ratio Lower Upper

75 100

110 0.7 31.0 46.4#

77 32.3 26.2 39.4

