

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047484.D
 Acq On : 11 Mar 2022 12:04
 Operator : SY/MD
 Sample : N1878-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4687

Quant Time: Mar 12 01:32:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 01:28:32 2022
 Response via : Initial Calibration

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

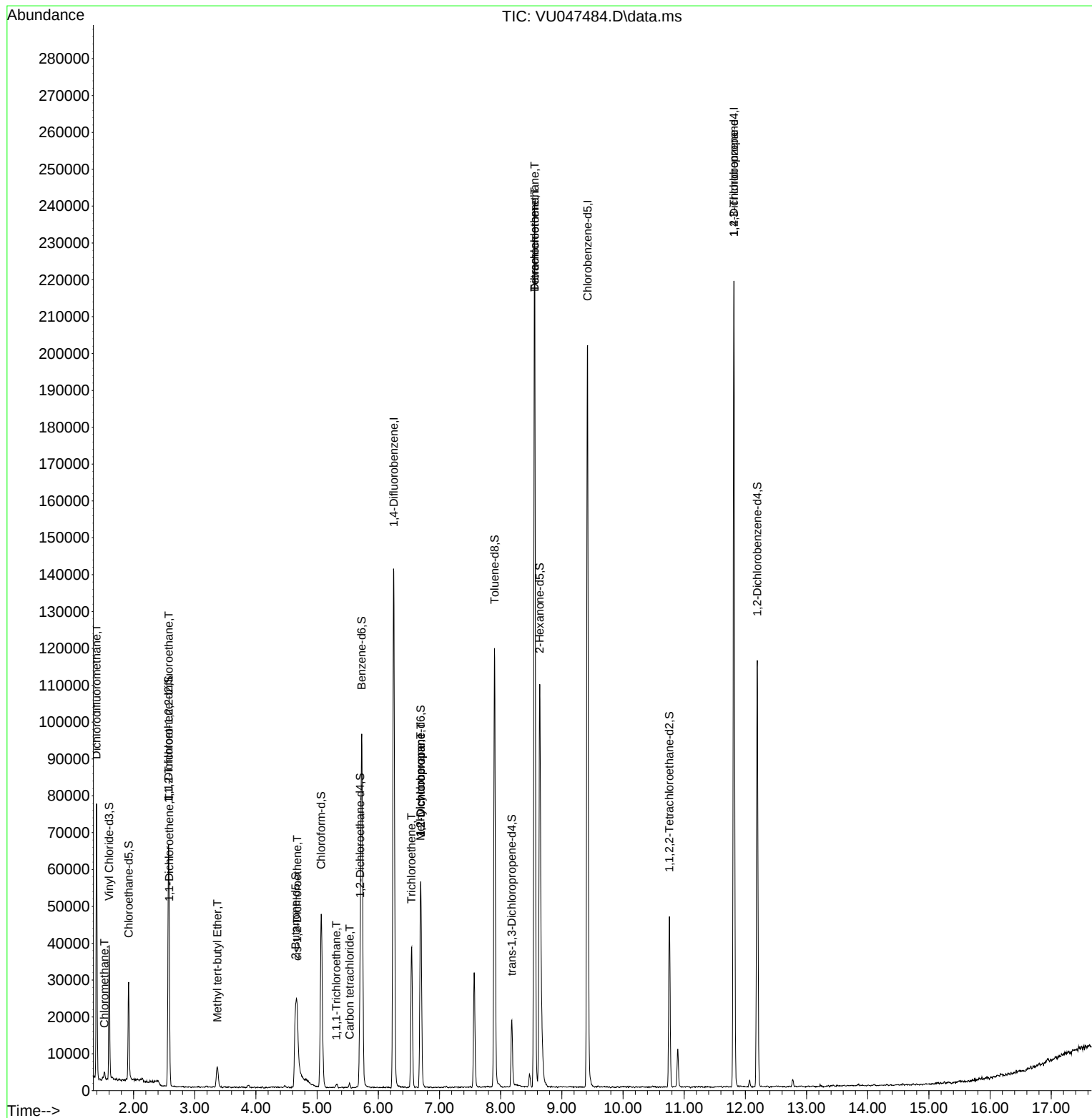
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	123024	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62409	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26093	3.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.919	69	20330	4.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.572	65	11879	4.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.649	46	52001	43.774	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.540%
24) Chloroform-d	5.067	84	44198	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.703	65	22679	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.729	84	91874	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.694	67	27958	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.899	98	84034	3.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.182	79	11514	4.077	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.636	63	47612	38.271	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	23584	4.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	33135	4.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1283	0.139	ug/L	91
3) Chloromethane	1.523	50	1670	0.182	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	429	0.058	ug/L #	70
12) 1,1-Dichloroethene	2.584	96	1013	0.140	ug/L #	1
17) Methyl tert-butyl Ether	3.369	73	6416	0.344	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	5806	0.678	ug/L	92
29) 1,1,1-Trichloroethane	5.314	97	701	0.057	ug/L #	82
31) Carbon tetrachloride	5.533	117	759	0.070	ug/L	94
34) Trichloroethene	6.542	95	13282	1.539	ug/L	97
35) Methylcyclohexane	6.690	83	6625	0.487	ug/L #	24
37) 1,2-Dichloropropane	6.694	63	2758	0.343	ug/L #	88
47) Tetrachloroethene	8.555	164	56444	7.710	ug/L	98
49) Dibromochloromethane	8.555	129	51945	6.490	ug/L #	12
61) 1,2,3-Trichloropropane	11.812	75	6574	1.137	ug/L #	65

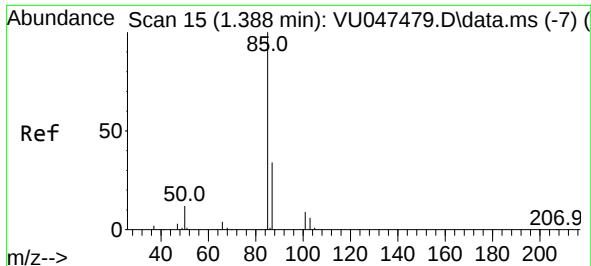
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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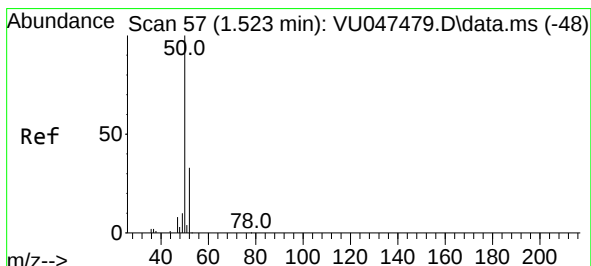
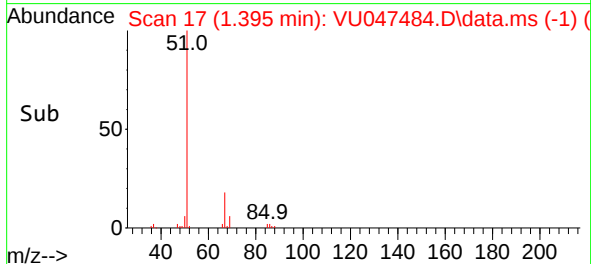
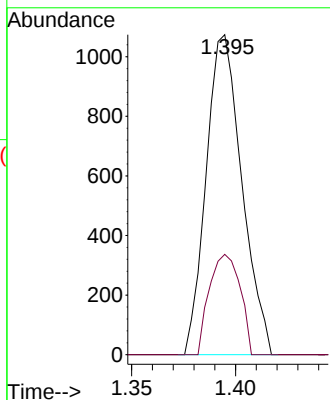
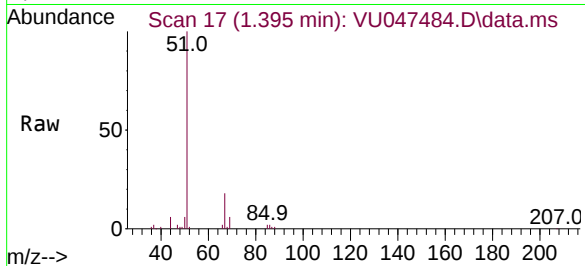




#2
Dichlorodifluoromethane
Concen: 0.139 ug/L
RT: 1.395 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU047484.D
Acq: 11 Mar 2022 12:04

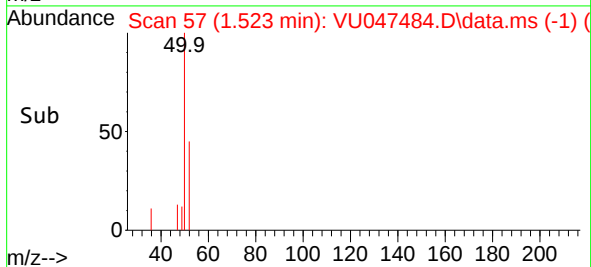
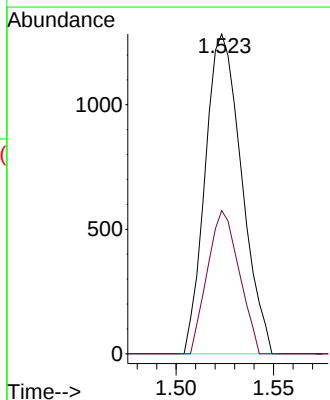
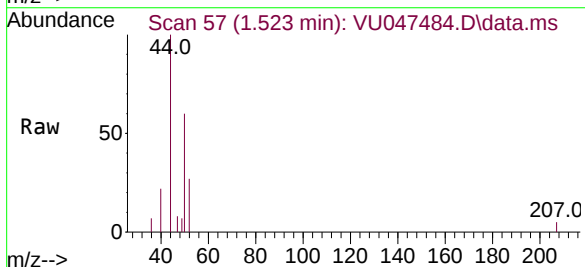
Instrument :
MSVOA_U
ClientSampleId :
H4687

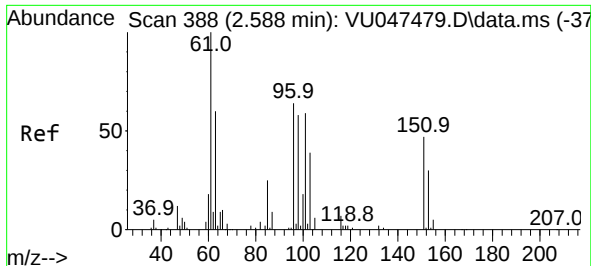
Tgt Ion: 85 Resp: 1283
Ion Ratio Lower Upper
85 100
87 26.9 25.6 38.4



#3
Chloromethane
Concen: 0.182 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047484.D
Acq: 11 Mar 2022 12:04

Tgt Ion: 50 Resp: 1670
Ion Ratio Lower Upper
50 100
52 44.8 22.5 41.9#

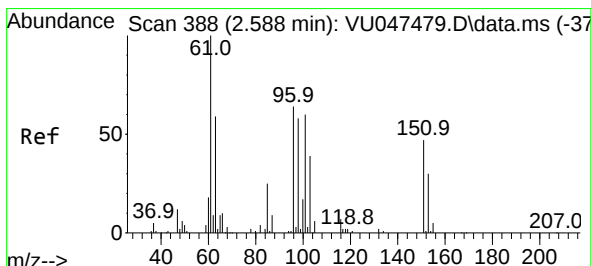
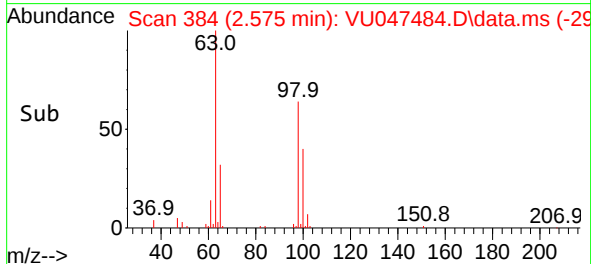
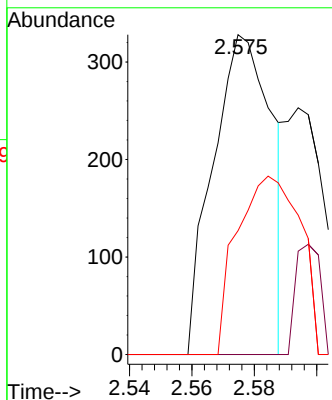
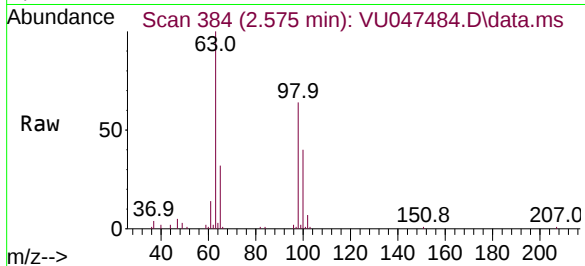




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047484.D
Acq: 11 Mar 2022 12:04

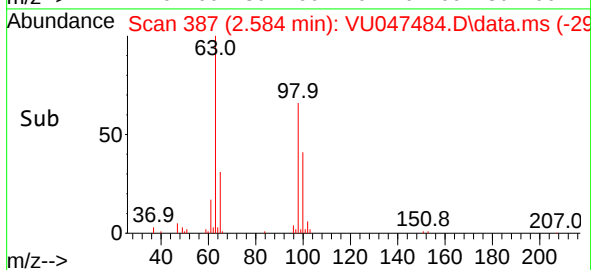
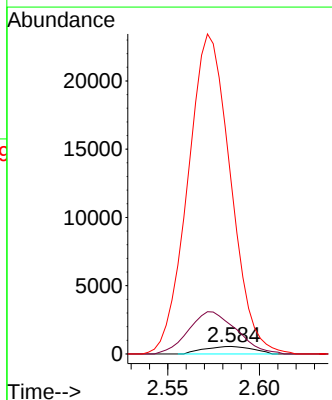
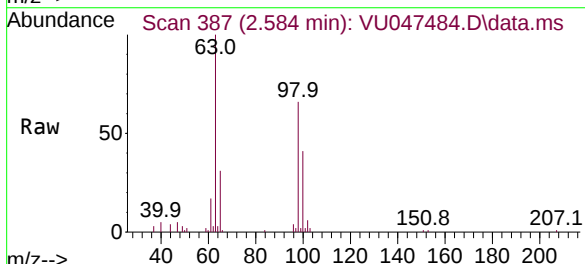
Instrument :
MSVOA_U
ClientSampleId :
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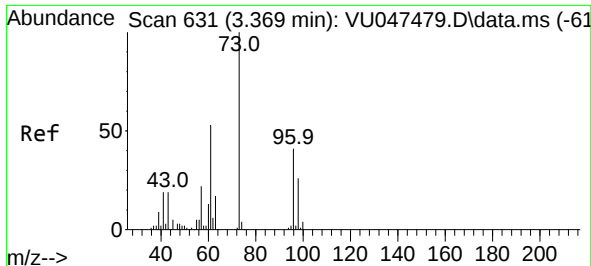
Tgt Ion:101 Resp: 429
Ion Ratio Lower Upper
101 100
85 14.5 33.8 50.6#
151 60.1 64.8 97.2#



#12
1,1-Dichloroethene
Concen: 0.140 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047484.D
Acq: 11 Mar 2022 12:04

Tgt Ion: 96 Resp: 1013
Ion Ratio Lower Upper
96 100
61 386.1 108.8 202.0#
63 2324.7 64.0 119.0#





#17

Methyl tert-butyl Ether

Concen: 0.344 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047484.D

Acq: 11 Mar 2022 12:04

Instrument :

MSVOA_U

ClientSampleId :

H4687

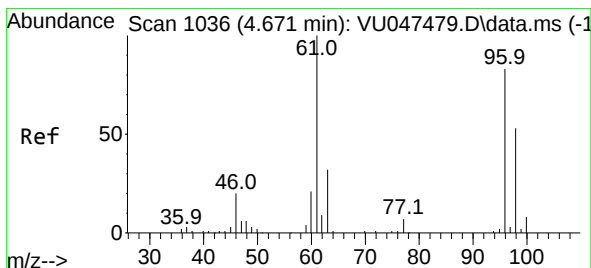
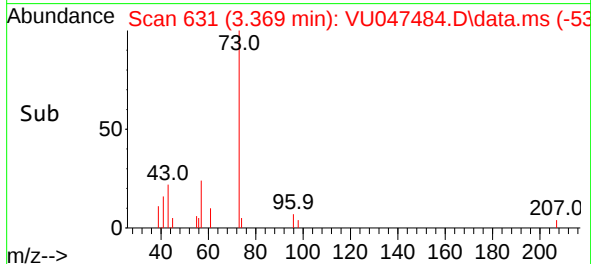
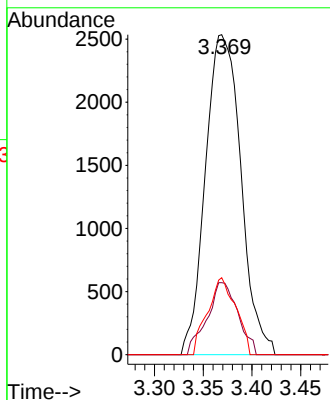
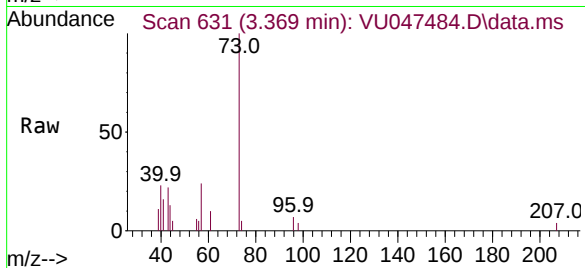
Tgt Ion: 73 Resp: 6416

Ion Ratio Lower Upper

73 100

43 19.6 14.6 22.0

57 19.1 16.5 24.7



#22

cis-1,2-Dichloroethene

Concen: 0.678 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU047484.D

Acq: 11 Mar 2022 12:04

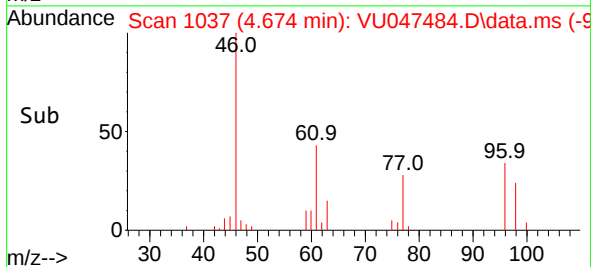
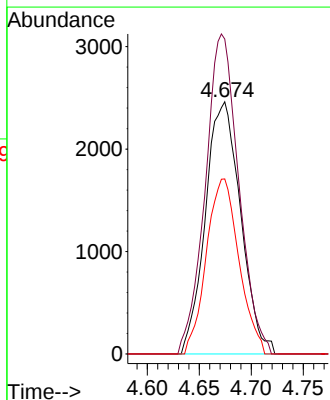
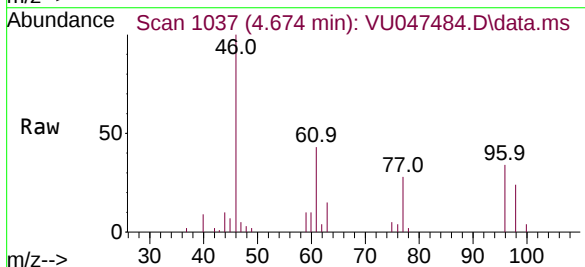
Tgt Ion: 96 Resp: 5806

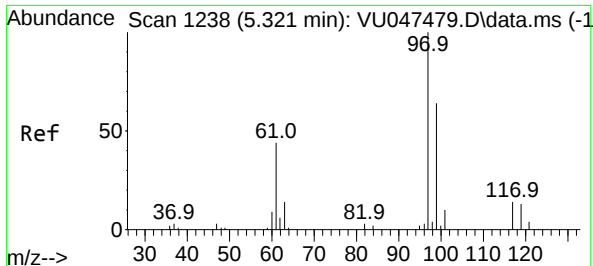
Ion Ratio Lower Upper

96 100

61 124.9 80.8 150.0

98 69.4 44.7 83.1





#29

1,1,1-Trichloroethane

Concen: 0.057 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU047484.D

Acq: 11 Mar 2022 12:04

Instrument :

MSVOA_U

ClientSampleId :

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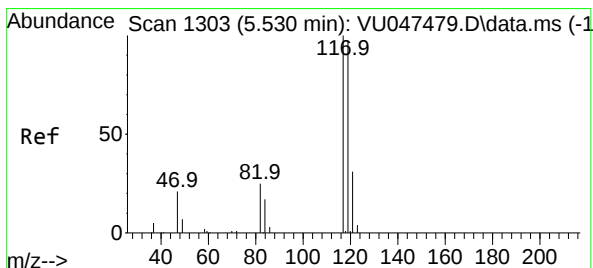
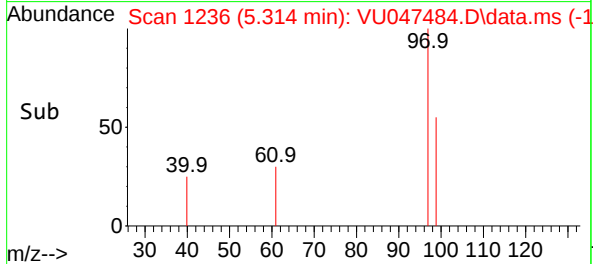
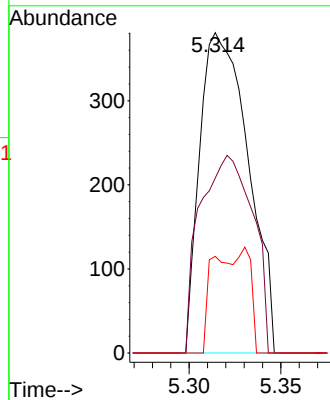
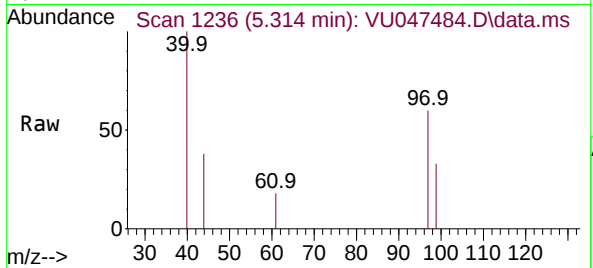
Tgt Ion: 97 Resp: 701

Ion Ratio Lower Upper

97 100

99 67.0 52.1 78.1

61 15.0 33.8 50.6#



#31

Carbon tetrachloride

Concen: 0.070 ug/L

RT: 5.533 min Scan# 1304

Delta R.T. 0.003 min

Lab File: VU047484.D

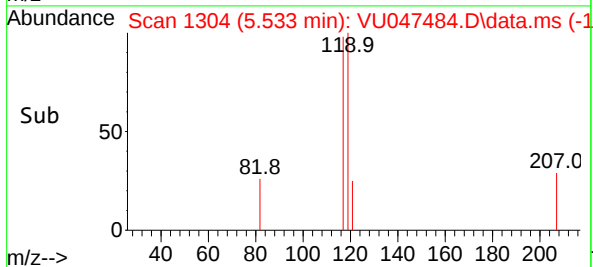
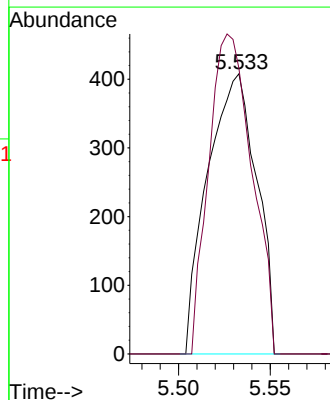
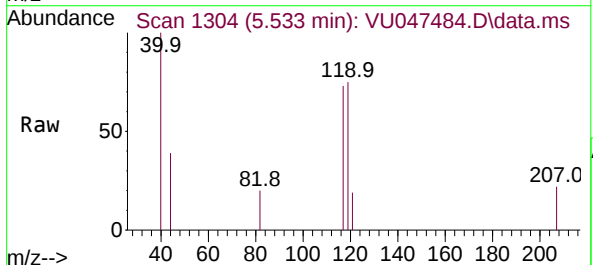
Acq: 11 Mar 2022 12:04

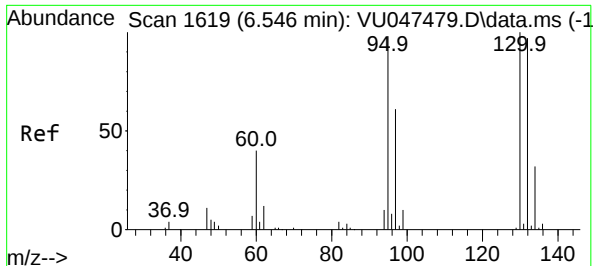
Tgt Ion: 117 Resp: 759

Ion Ratio Lower Upper

117 100

119 100.5 75.8 113.8

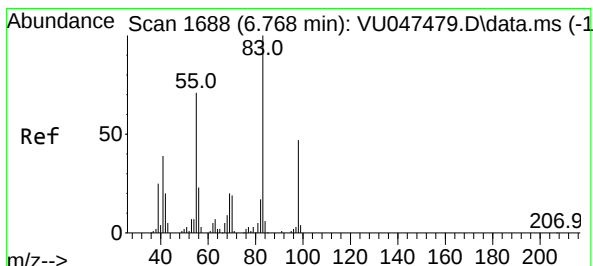
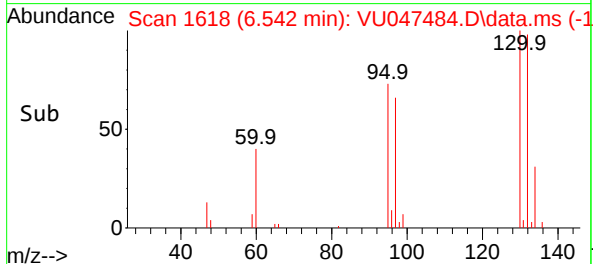
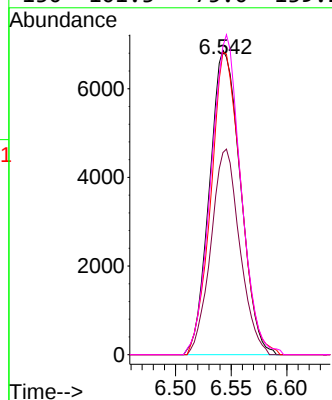
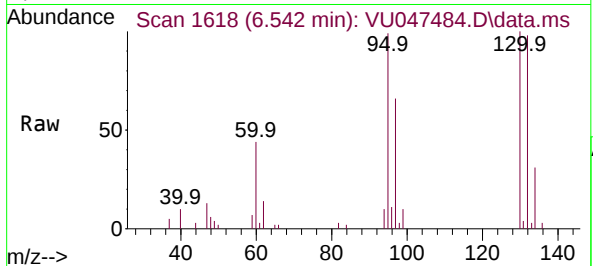




#34
Trichloroethene
Concen: 1.539 ug/L
RT: 6.542 min Scan# 1664
Delta R.T. -0.003 min
Lab File: VU047484.D
Acq: 11 Mar 2022 12:04

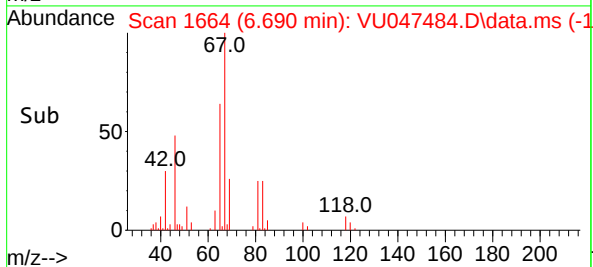
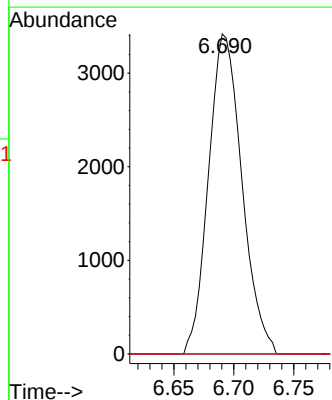
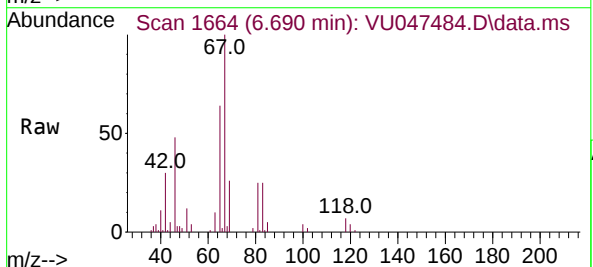
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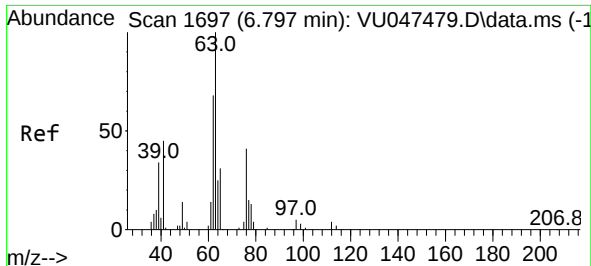
Tgt Ion: 95 Resp: 13282
Ion Ratio Lower Upper
95 100
97 66.4 46.3 85.9
132 99.3 71.7 133.1
130 101.3 75.0 139.2



#35
Methylcyclohexane
Concen: 0.487 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU047484.D
Acq: 11 Mar 2022 12:04

Tgt Ion: 83 Resp: 6625
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 7.8 38.0 57.0#

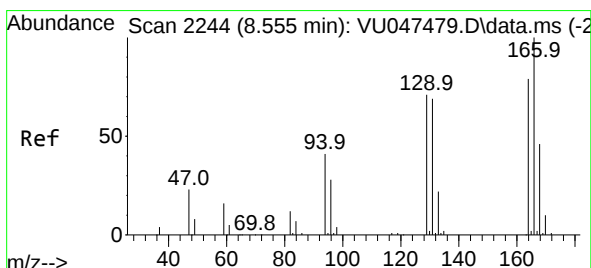
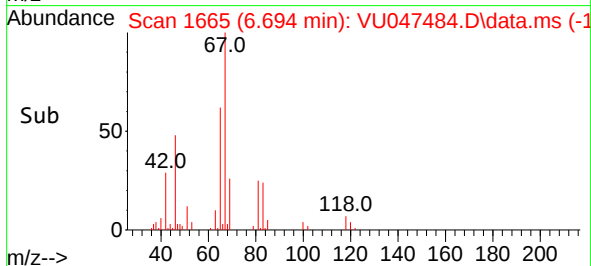
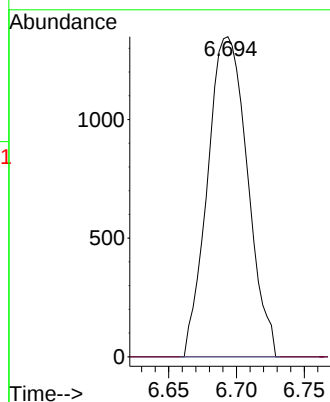
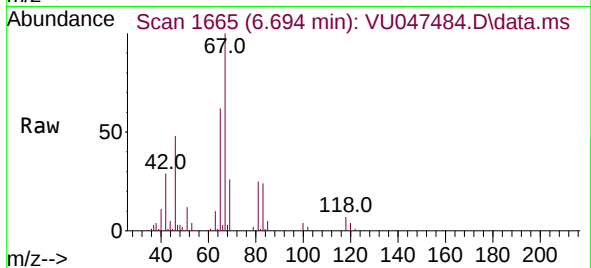




#37
1,2-Dichloropropane
Concen: 0.343 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU047484.D
Acq: 11 Mar 2022 12:04

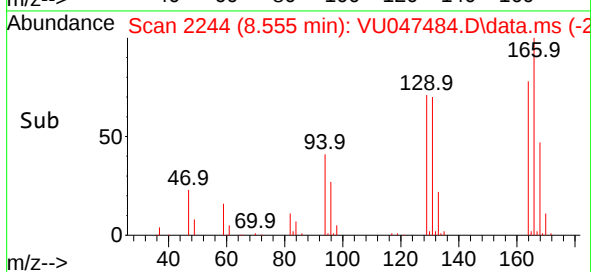
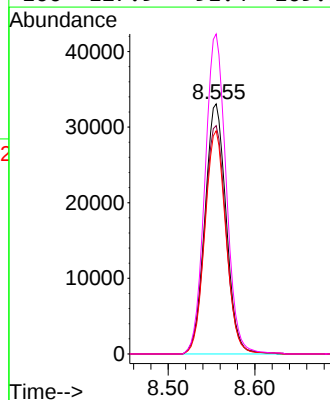
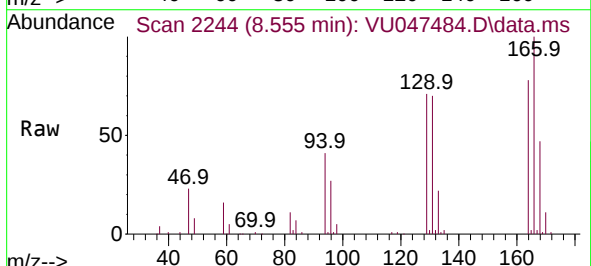
Instrument :
MSVOA_U
ClientSampleId :
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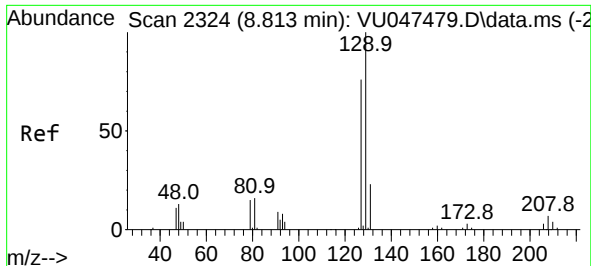
Tgt Ion: 63 Resp: 2758
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 7.710 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047484.D
Acq: 11 Mar 2022 12:04

Tgt Ion: 164 Resp: 56444
Ion Ratio Lower Upper
164 100
129 91.3 64.9 120.5
131 89.3 63.6 118.2
166 127.9 91.4 169.8

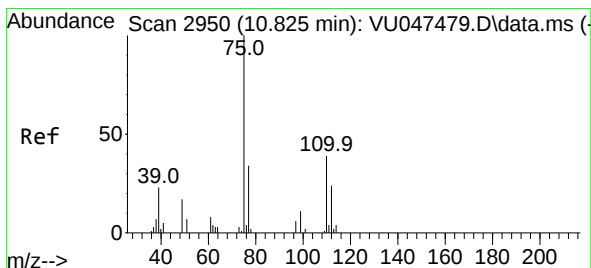
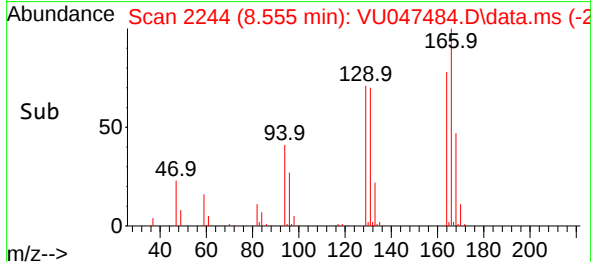
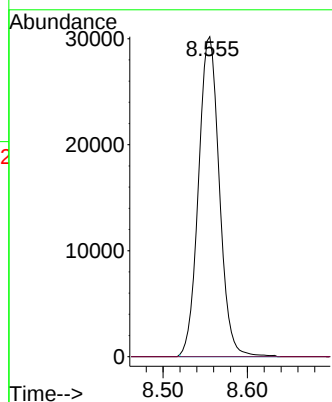
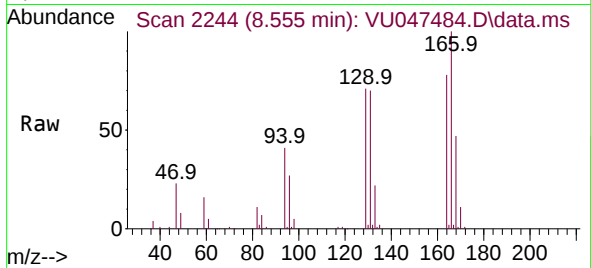




#49
Dibromochloromethane
Concen: 6.490 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047484.D
Acq: 11 Mar 2022 12:04

Instrument :
MSVOA_U
ClientSampleId :
H4687

Tgt Ion:129 Resp: 51945
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#



#61
1,2,3-Trichloropropane
Concen: 1.137 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047484.D
Acq: 11 Mar 2022 12:04

Tgt Ion: 75 Resp: 6574
Ion Ratio Lower Upper
75 100
110 0.0 31.0 46.4#
77 33.7 26.2 39.4

