

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047171.D
 Acq On : 16 Feb 2022 19:15
 Operator : SY/MD
 Sample : N1558-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 17 04:08:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

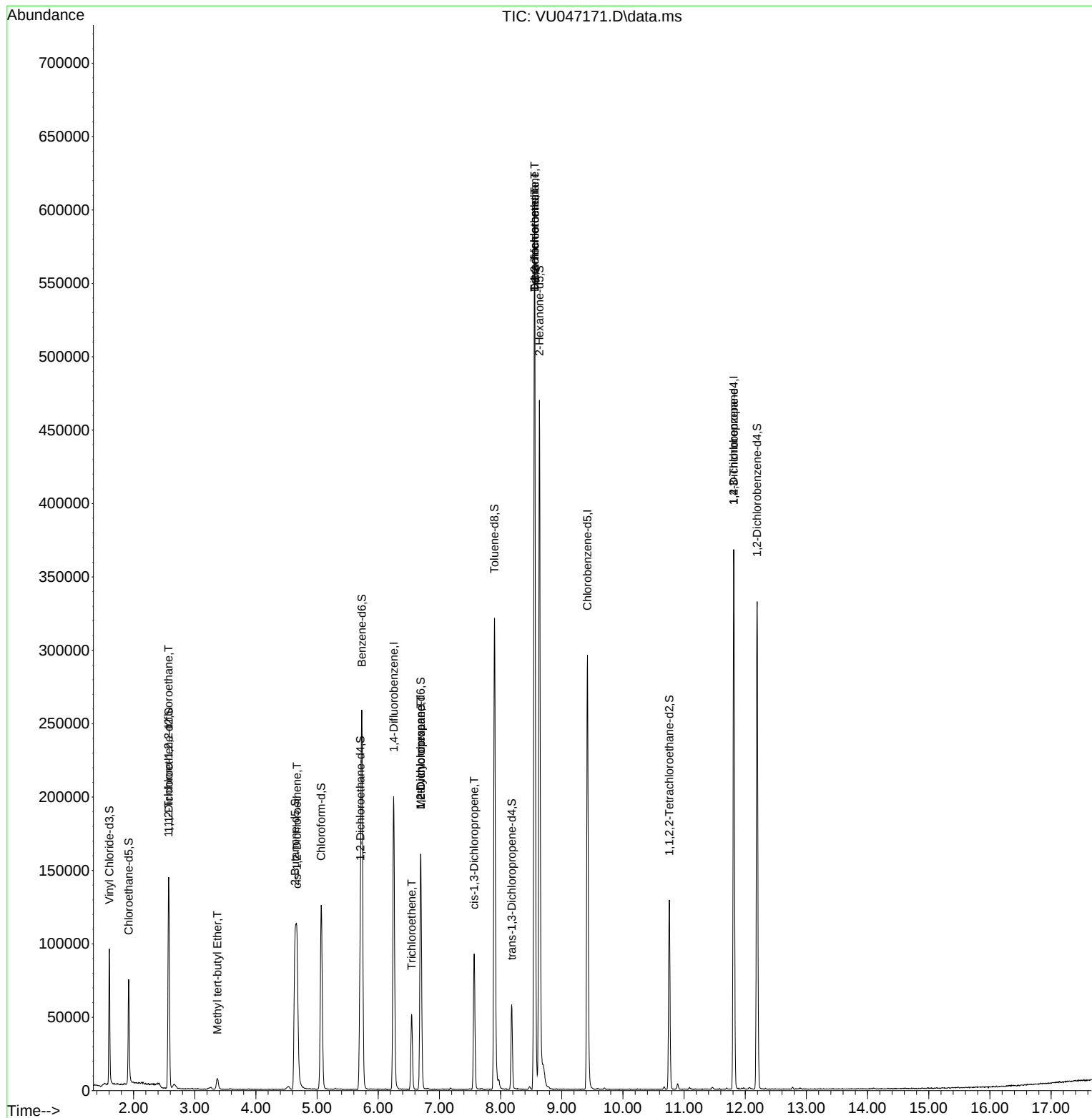
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	172176	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	175638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	67837	4.665	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.919	69	54788	4.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.575	65	26968	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.642	46	194545	55.973	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.940%
24) Chloroform-d	5.066	84	116264	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.706	65	65449	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.732	84	245204	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.693	67	77512	4.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.899	98	231292	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.182	79	32280	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.635	63	171524	46.019	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	65308	4.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	89989	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	947	0.081	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	8280	0.267	ug/L #	96
22) cis-1,2-Dichloroethene	4.671	96	33079	2.482	ug/L	98
34) Trichloroethene	6.546	95	17155	1.289	ug/L	93
35) Methylcyclohexane	6.693	83	17321	0.771	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	8518	0.660	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2082	0.104	ug/L #	72
45) 1,1,2-Trichloroethane	8.555	97	1071	0.107	ug/L #	1
47) Tetrachloroethene	8.555	164	142747	13.214	ug/L	93
49) Dibromochloromethane	8.555	129	133752	11.084	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	11363	1.189	ug/L #	66

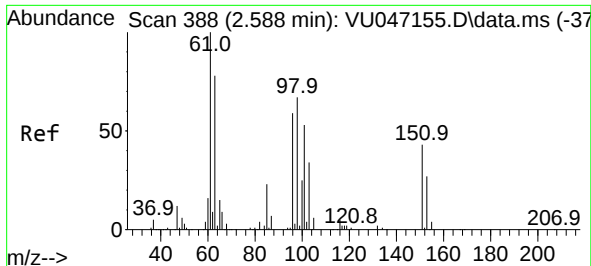
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047171.D

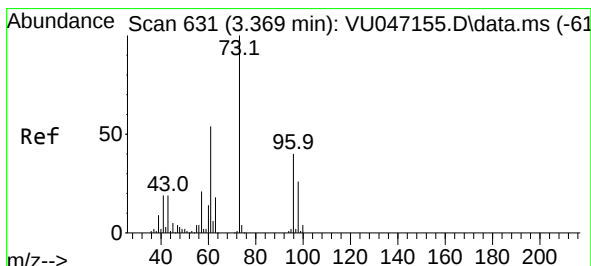
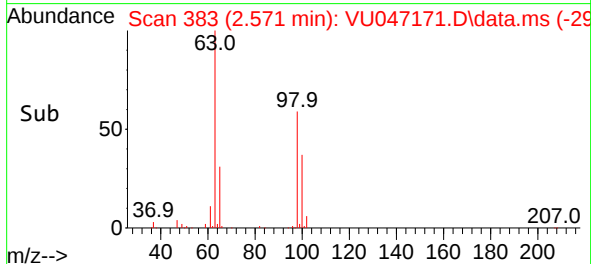
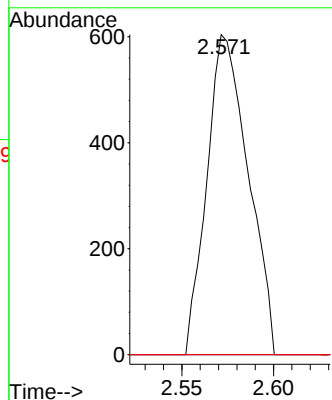
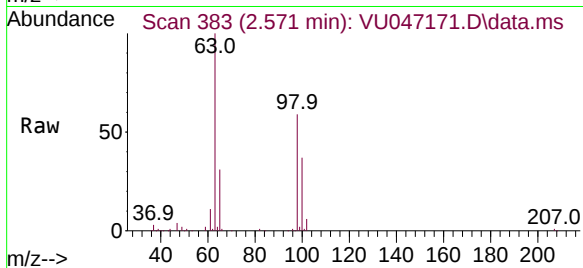
Acq: 16 Feb 2022 19:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	947
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	56.1	84.1#



#17

Methyl tert-butyl Ether

Concen: 0.267 ug/L

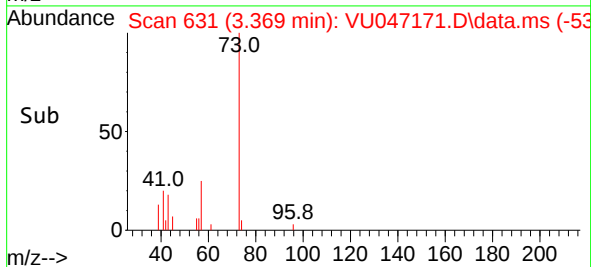
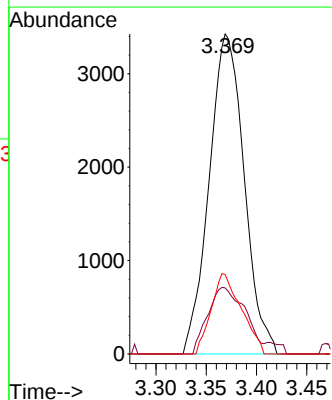
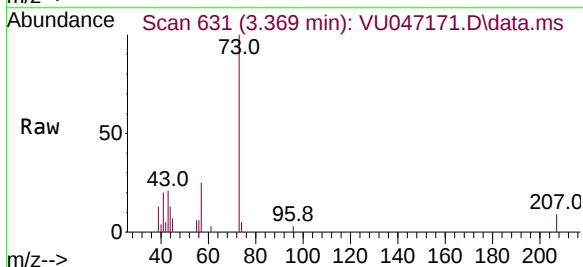
RT: 3.369 min Scan# 631

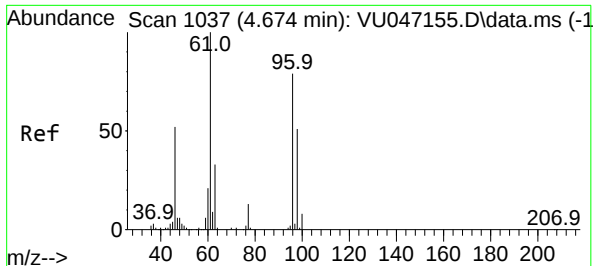
Delta R.T. -0.000 min

Lab File: VU047171.D

Acq: 16 Feb 2022 19:15

Tgt Ion:	73	Resp:	8280
Ion	Ratio	Lower	Upper
73	100		
43	22.4	14.8	22.2#
57	21.6	17.4	26.0





#22

cis-1,2-Dichloroethene

Concen: 2.482 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU047171.D

Acq: 16 Feb 2022 19:15

Instrument :

MSVOA_U

ClientSampleId :

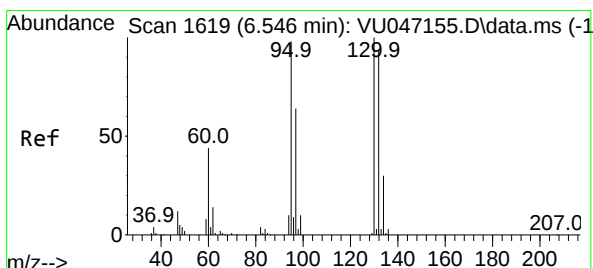
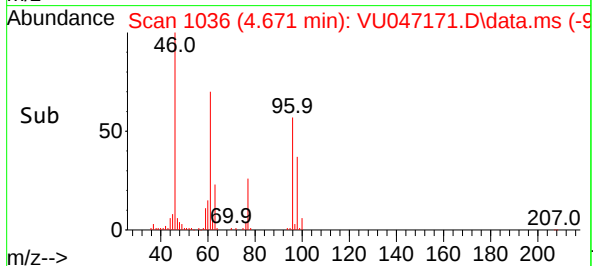
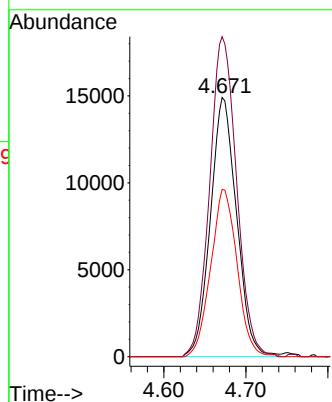
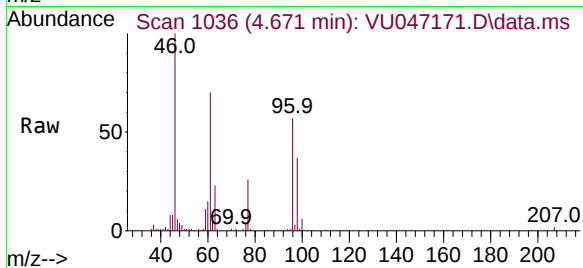
Tgt Ion: 96 Resp: 33079

Ion Ratio Lower Upper

96 100

61 123.5 88.5 164.3

98 64.5 44.4 82.5



#34

Trichloroethene

Concen: 1.289 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047171.D

Acq: 16 Feb 2022 19:15

Tgt Ion: 95 Resp: 17155

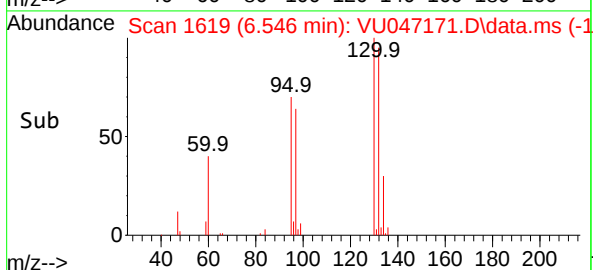
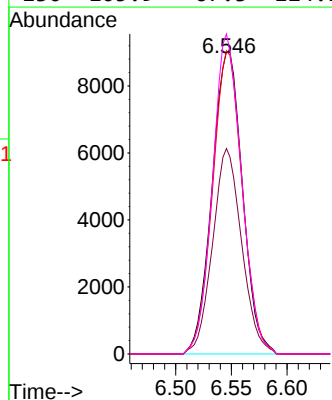
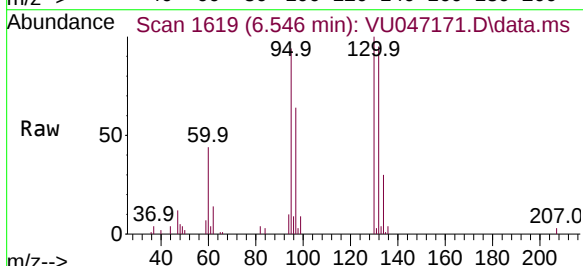
Ion Ratio Lower Upper

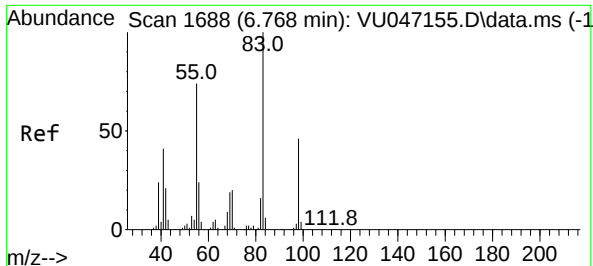
95 100

97 68.0 46.5 86.5

132 100.3 65.1 120.9

130 105.9 67.3 124.9

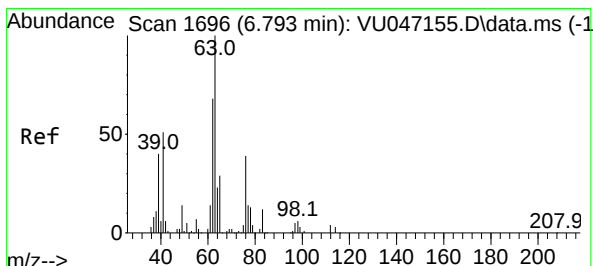
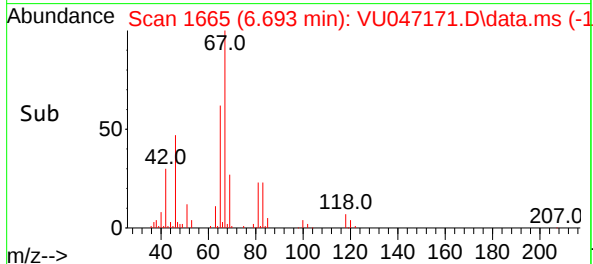
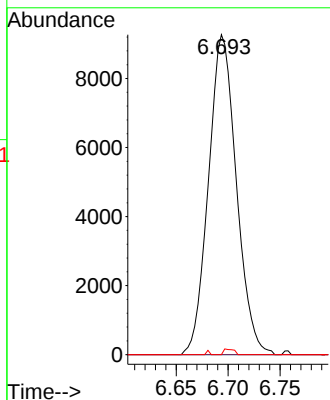
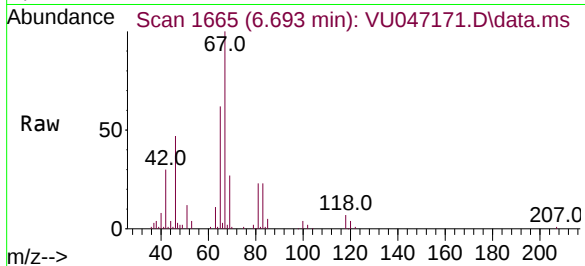




#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047171.D
Acq: 16 Feb 2022 19:15

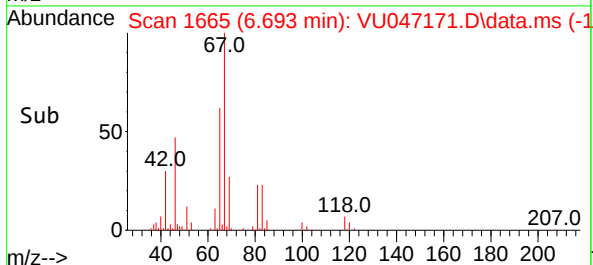
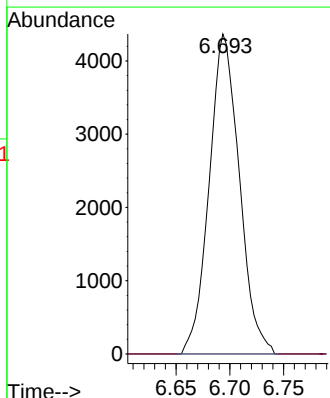
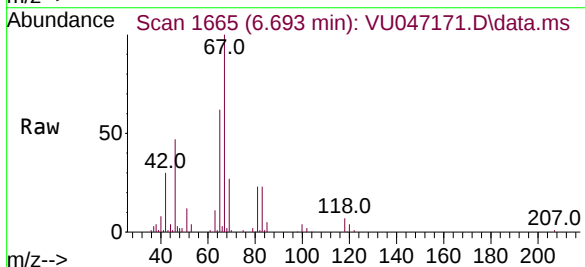
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ClientSampleId :

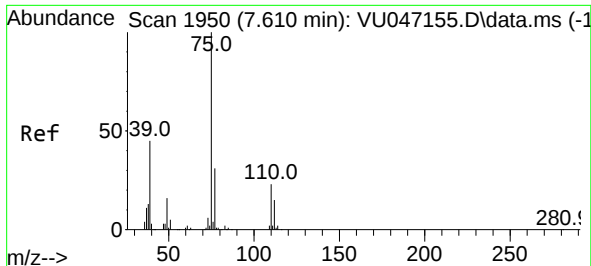
Tgt Ion: 83 Resp: 17321
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.7 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047171.D
Acq: 16 Feb 2022 19:15

Tgt Ion: 63 Resp: 8518
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047171.D

Acq: 16 Feb 2022 19:15

Instrument :

MSVOA_U

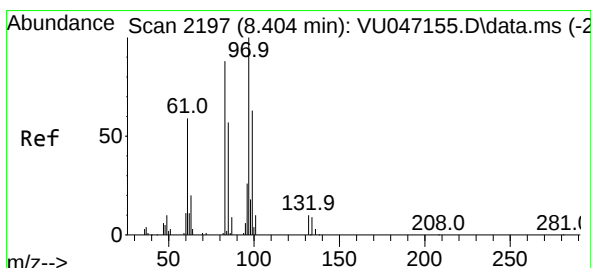
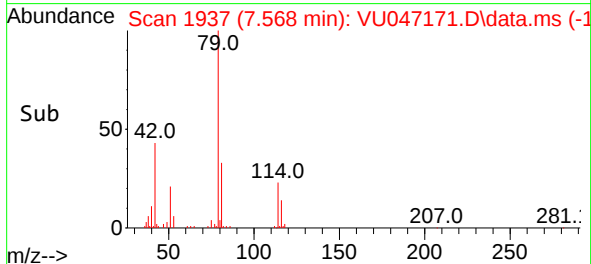
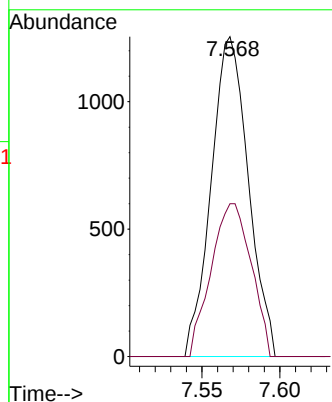
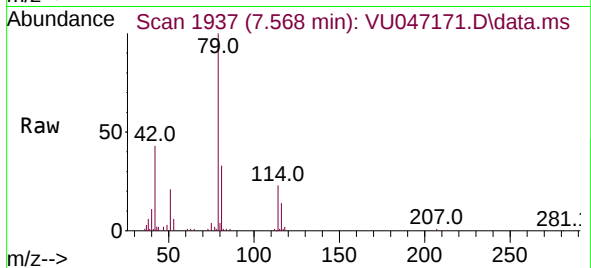
ClientSampleId :

Tgt Ion: 75 Resp: 2082

Ion Ratio Lower Upper

75 100

77 47.8 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.107 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.151 min

Lab File: VU047171.D

Acq: 16 Feb 2022 19:15

Tgt Ion: 97 Resp: 1071

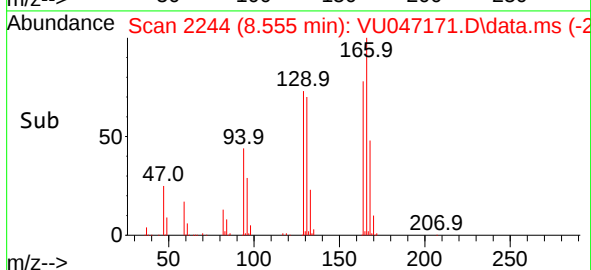
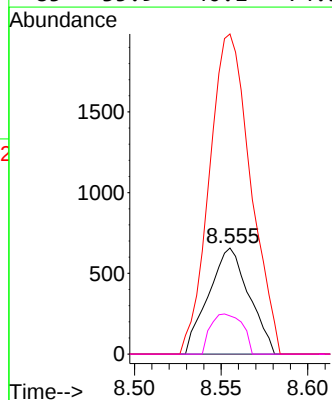
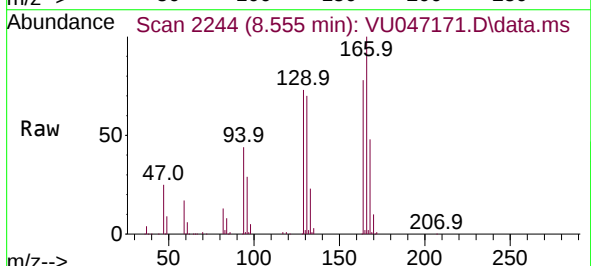
Ion Ratio Lower Upper

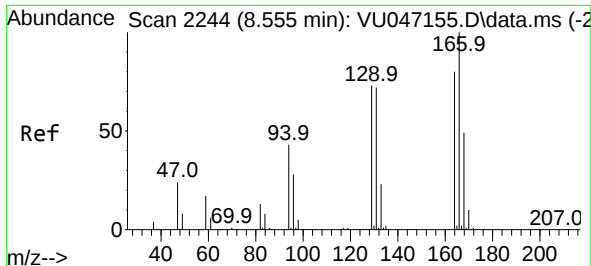
97 100

99 0.0 42.3 78.5#

83 301.8 62.0 115.2#

85 35.9 40.1 74.5#





#47
Tetrachloroethene

Concen: 13.214 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

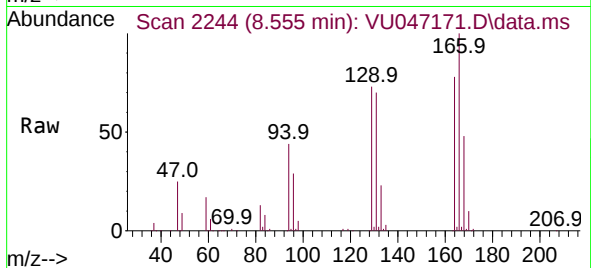
Lab File: VU047171.D

Acq: 16 Feb 2022 19:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 142747

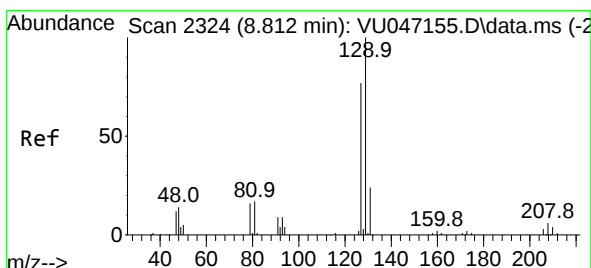
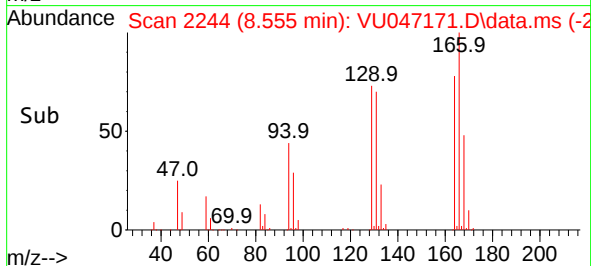
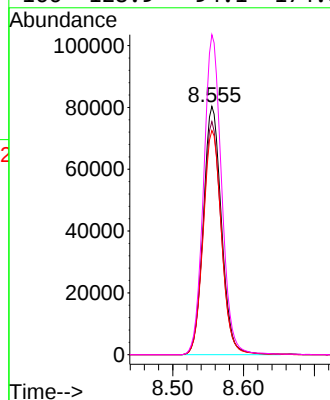
Ion Ratio Lower Upper

164 100

129 93.9 71.8 133.4

131 90.3 68.5 127.3

166 128.9 94.1 174.8



#49

Dibromochloromethane

Concen: 11.084 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047171.D

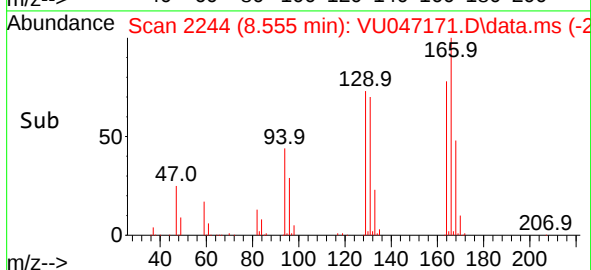
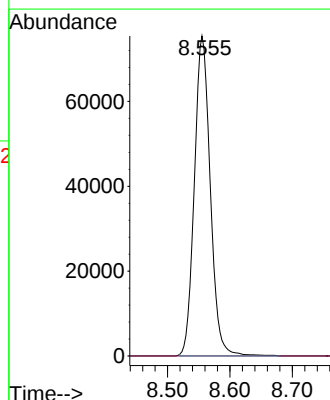
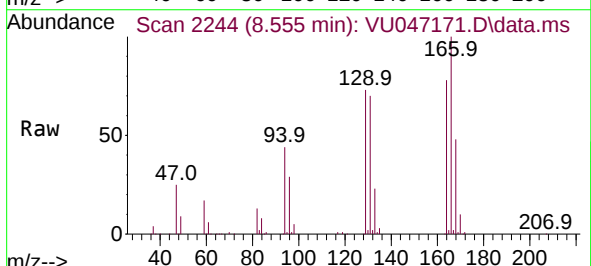
Acq: 16 Feb 2022 19:15

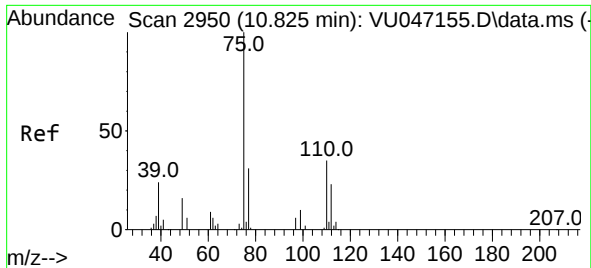
Tgt Ion:129 Resp: 133752

Ion Ratio Lower Upper

129 100

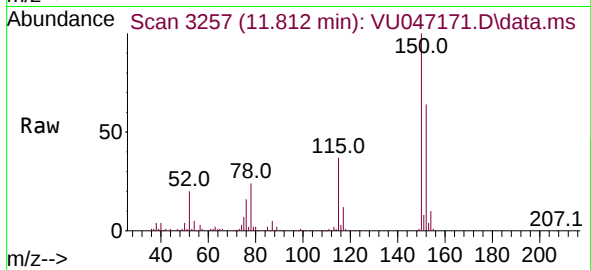
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.189 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047171.D
 Acq: 16 Feb 2022 19:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11363
 Ion Ratio Lower Upper
 75 100
 110 1.5 29.9 44.9#
 77 30.4 25.5 38.3

