

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047185.D
 Acq On : 17 Feb 2022 02:52
 Operator : SY/MD
 Sample : N1559-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

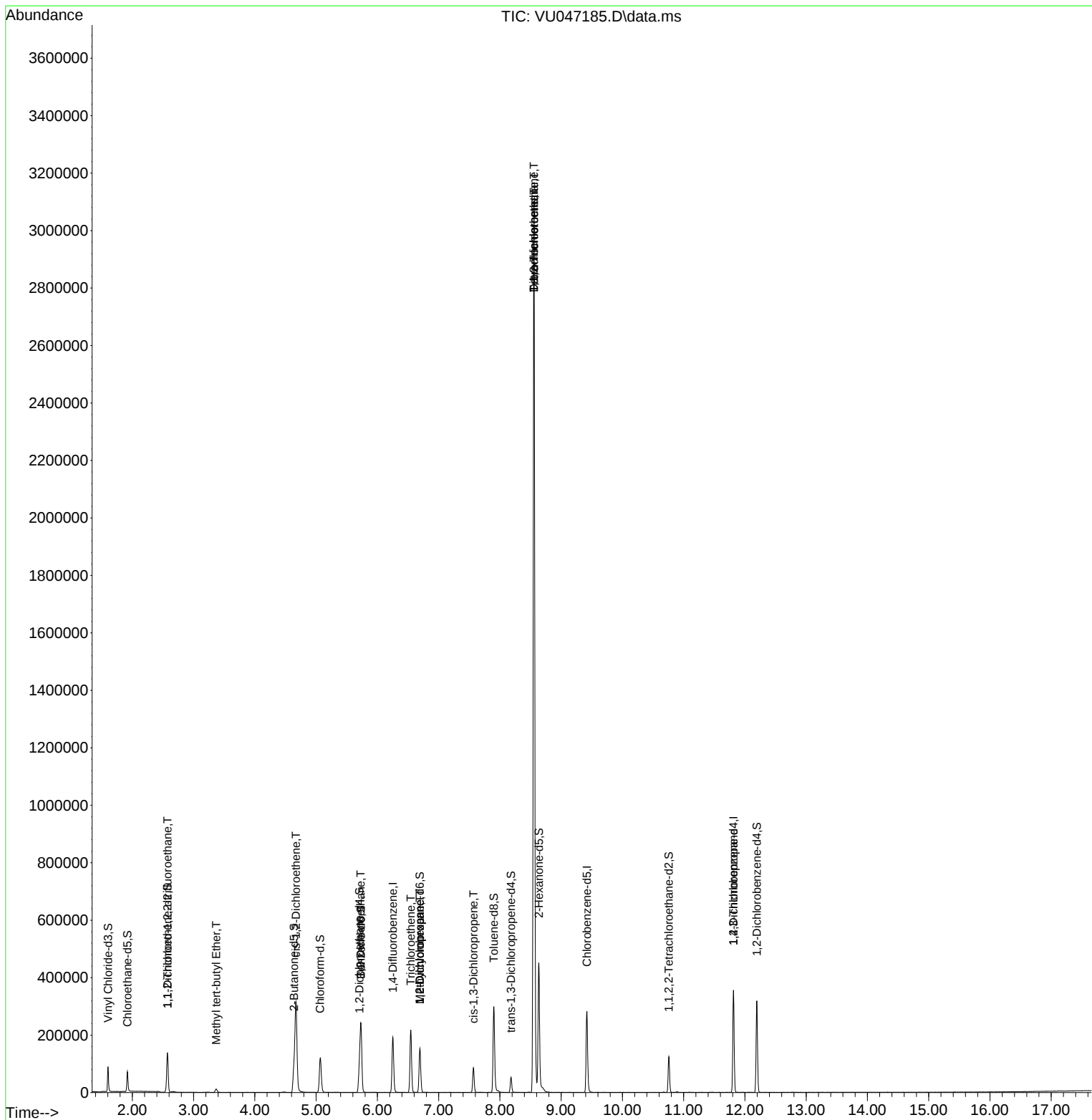
Quant Time: Feb 17 04:53:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

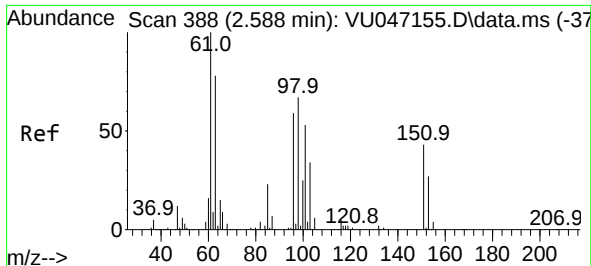
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	166734	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	169914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62475	4.437	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.919	69	51951	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.575	65	25642	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.642	46	186308	55.353	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.700%
24) Chloroform-d	5.067	84	110997	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.706	65	62408	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.732	84	230629	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.694	67	73895	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.899	98	217894	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.182	79	29234	4.269	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.636	63	161447	44.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	61364	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	86238	5.059	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	672	0.059	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	11832	0.395	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	145506	11.275	ug/L	98
27) 1,2-Dichloroethane	5.729	62	1340	0.092	ug/L #	73
34) Trichloroethene	6.546	95	72847	5.657	ug/L	95
35) Methylcyclohexane	6.694	83	16600	0.764	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	7537	0.604	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2000	0.103	ug/L #	70
45) 1,1,2-Trichloroethane	8.555	97	5937	0.613	ug/L #	1
47) Tetrachloroethene	8.555	164	732431	70.085	ug/L	93
49) Dibromochloromethane	8.555	129	689277	59.043	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	10494	1.157	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: 0.059 ug/L

RT: 2.575 min Scan# 388

Delta R.T. -0.013 min

Lab File: VU047185.D

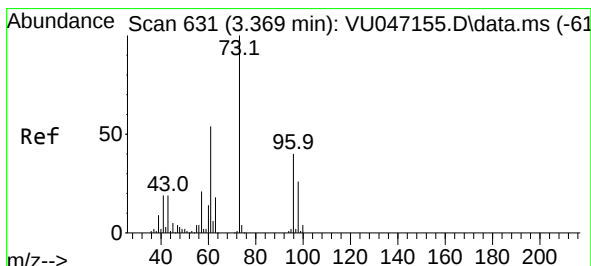
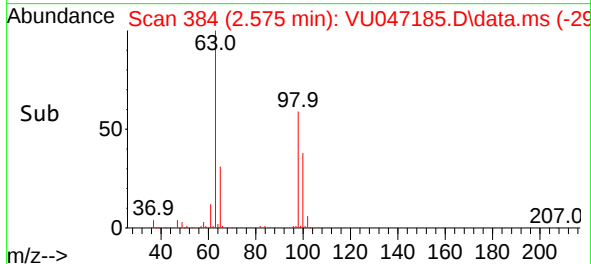
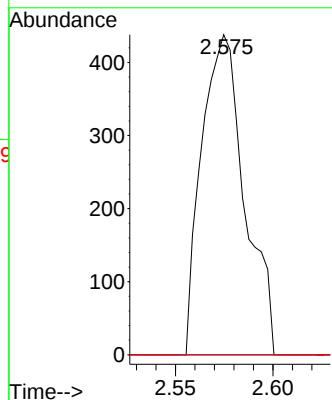
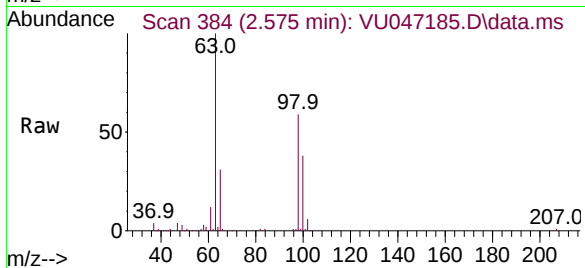
Acq: 17 Feb 2022 02:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	672
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: 0.395 ug/L

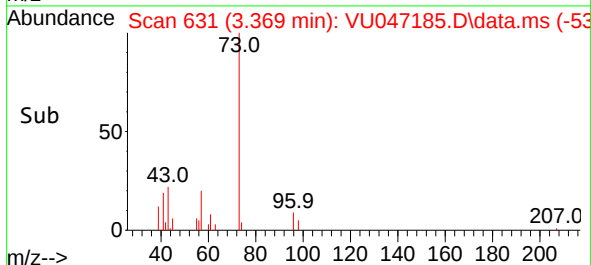
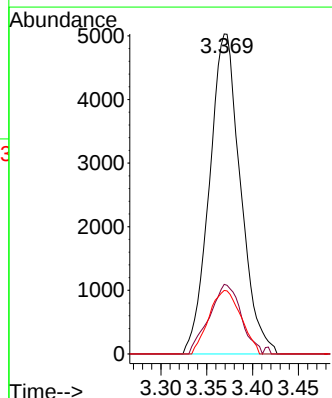
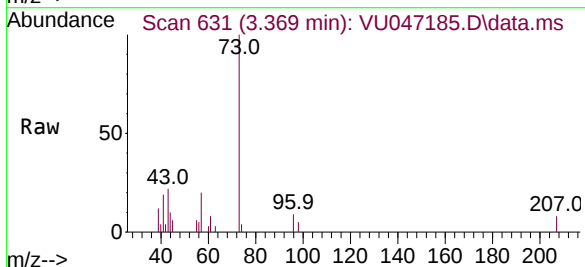
RT: 3.369 min Scan# 631

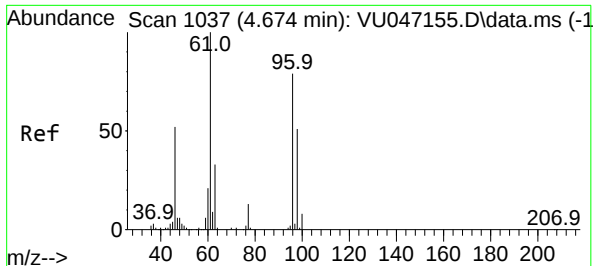
Delta R.T. 0.000 min

Lab File: VU047185.D

Acq: 17 Feb 2022 02:52

Tgt Ion:	73	Resp:	11832
Ion	Ratio	Lower	Upper
73	100		
43	22.2	14.8	22.2
57	20.4	17.4	26.0





#22

cis-1,2-Dichloroethene

Concen: 11.275 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047185.D

Acq: 17 Feb 2022 02:52

Instrument :

MSVOA_U

ClientSampleId :

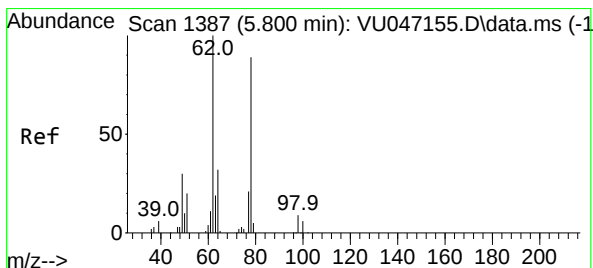
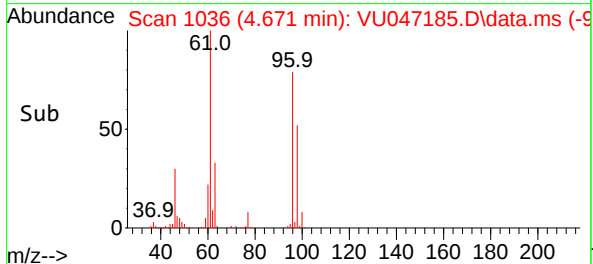
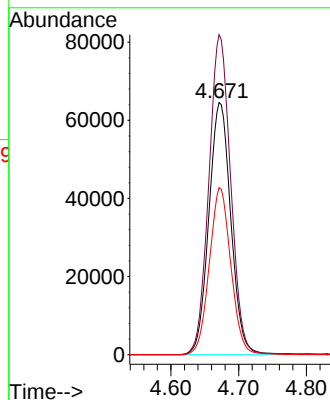
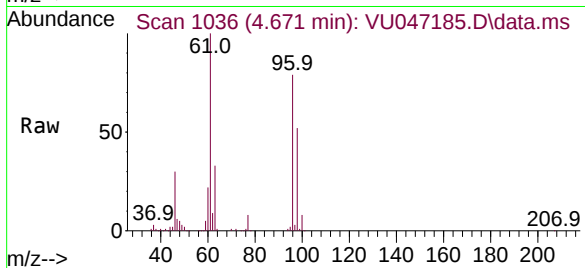
Tgt Ion: 96 Resp: 145506

Ion Ratio Lower Upper

96 100

61 126.9 88.5 164.3

98 66.3 44.4 82.5



#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.071 min

Lab File: VU047185.D

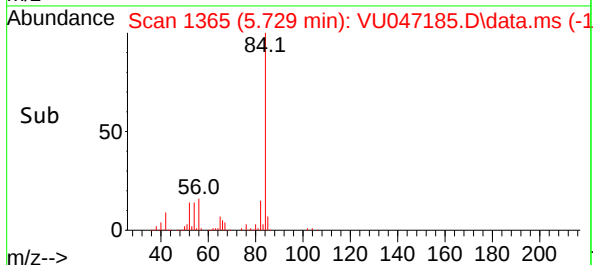
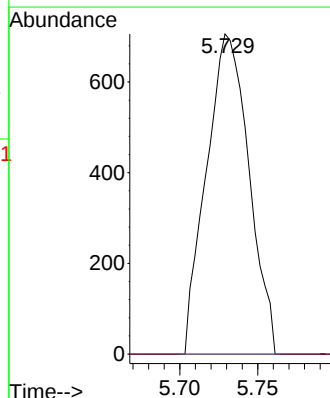
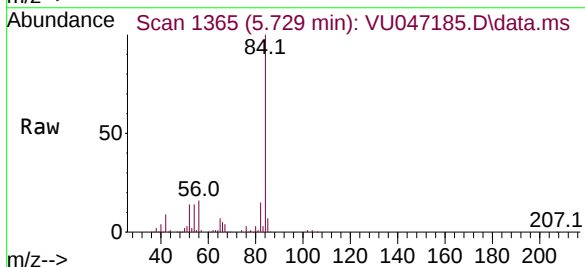
Acq: 17 Feb 2022 02:52

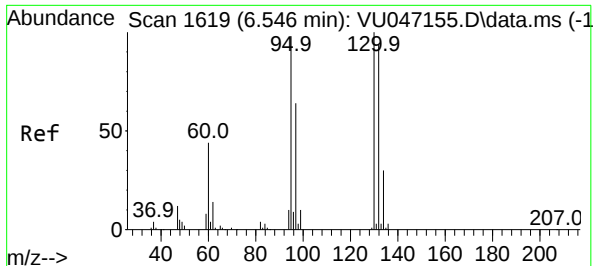
Tgt Ion: 62 Resp: 1340

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#





#34

Trichloroethene

Concen: 5.657 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

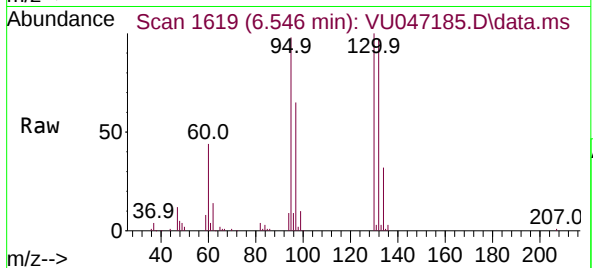
Lab File: VU047185.D

Acq: 17 Feb 2022 02:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 72847

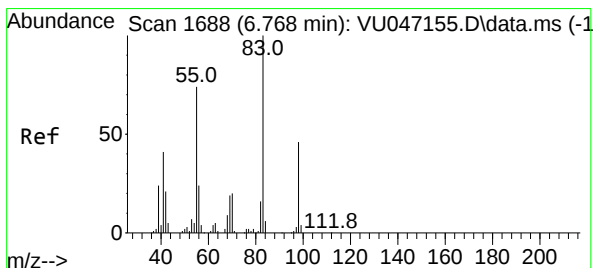
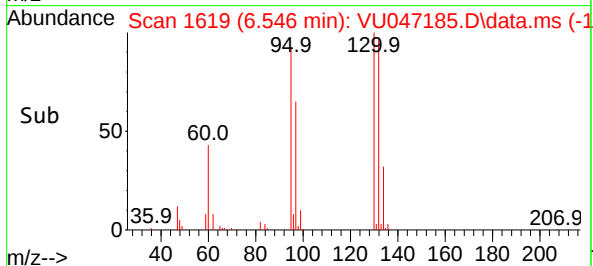
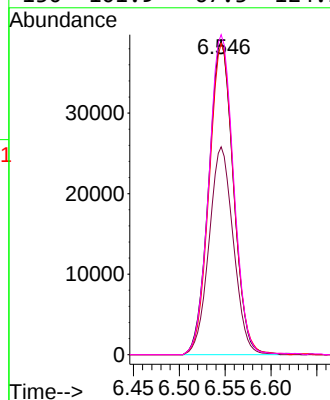
Ion Ratio Lower Upper

95 100

97 66.2 46.5 86.5

132 99.2 65.1 120.9

130 101.9 67.3 124.9



#35

Methylcyclohexane

Concen: 0.764 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047185.D

Acq: 17 Feb 2022 02:52

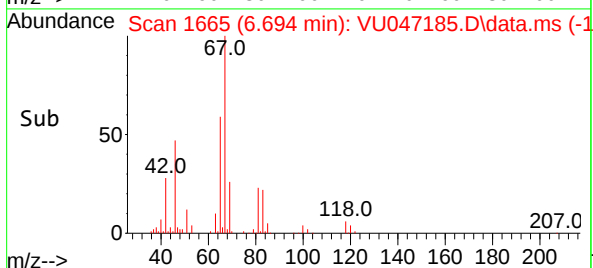
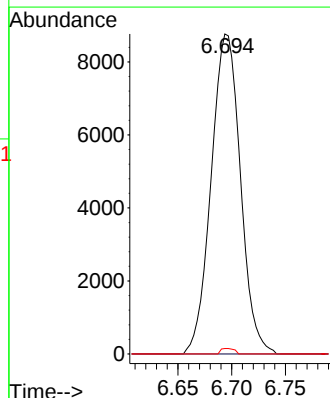
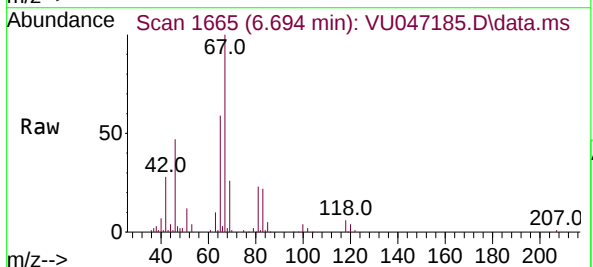
Tgt Ion: 83 Resp: 16600

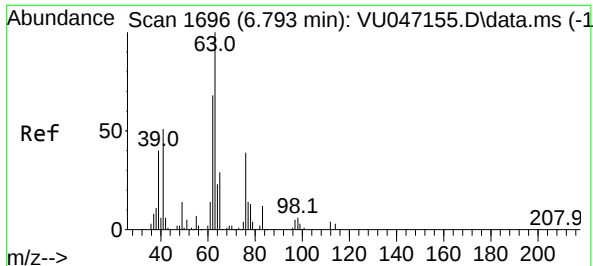
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.8 39.0 58.6#

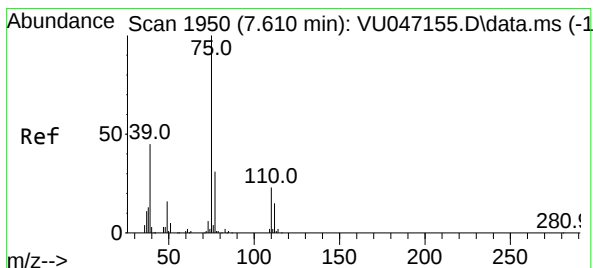
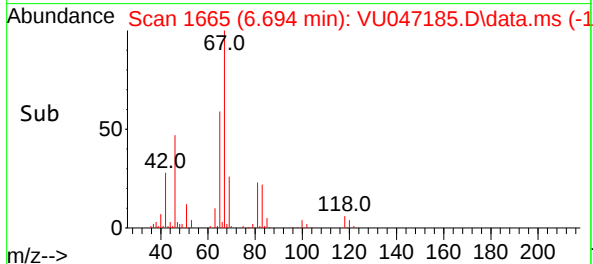
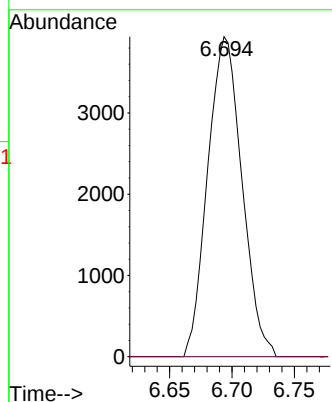
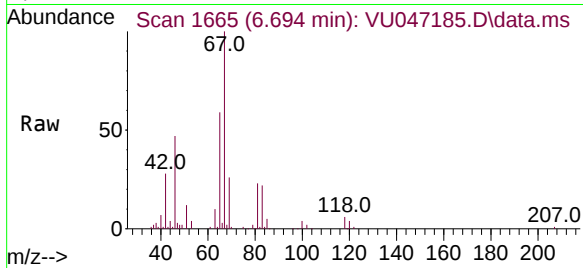




#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU047185.D
Acq: 17 Feb 2022 02:52

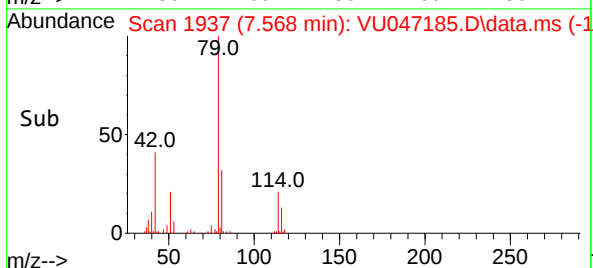
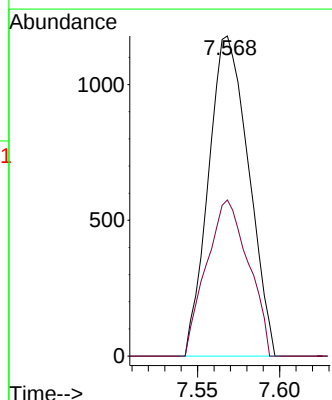
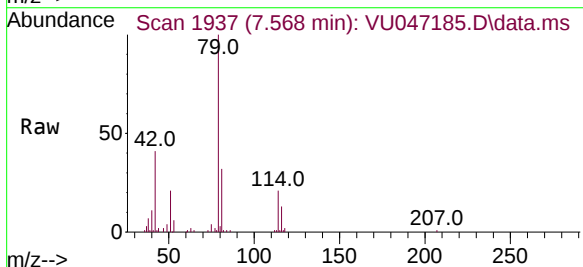
Instrument :
MSVOA_U
ClientSampleId :

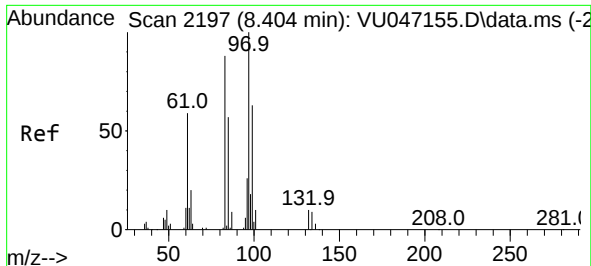
Tgt Ion: 63 Resp: 7537
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU047185.D
Acq: 17 Feb 2022 02:52

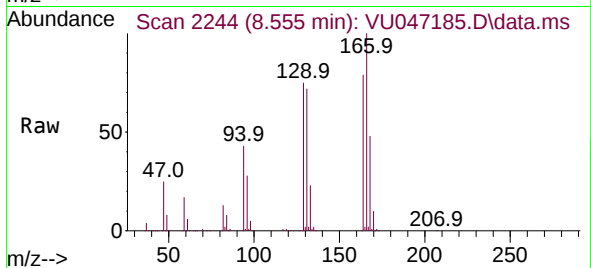
Tgt Ion: 75 Resp: 2000
Ion Ratio Lower Upper
75 100
77 48.8 22.5 41.9#



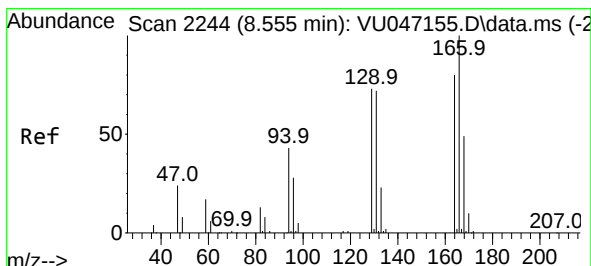
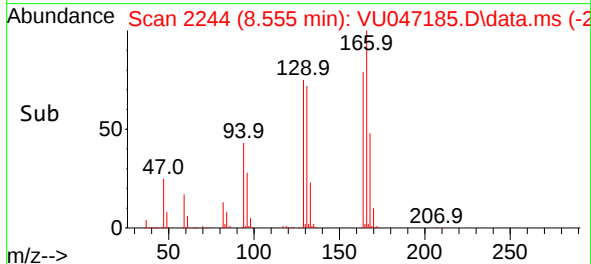
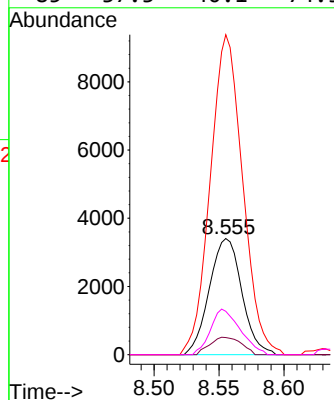


#45
1,1,2-Trichloroethane
Concen: 0.613 ug/L
RT: 8.555 min Scan# 2197
Delta R.T. 0.151 min
Lab File: VU047185.D
Acq: 17 Feb 2022 02:52

Instrument :
MSVOA_U
ClientSampleId :

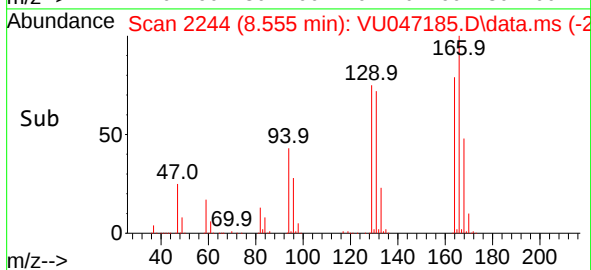
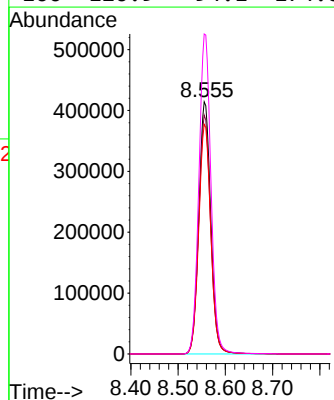
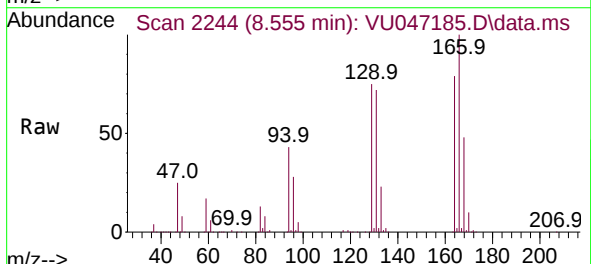


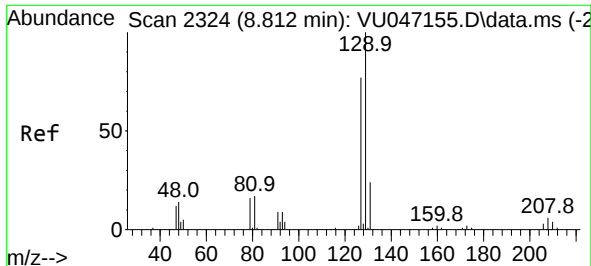
Tgt Ion: 97	Resp: 5937
Ion Ratio	Lower Upper
97 100	
99 14.7	42.3 78.5#
83 275.4	62.0 115.2#
85 37.3	40.1 74.5#



#47
Tetrachloroethene
Concen: 70.085 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047185.D
Acq: 17 Feb 2022 02:52

Tgt Ion: 164	Resp: 732431
Ion Ratio	Lower Upper
164 100	
129 94.7	71.8 133.4
131 91.0	68.5 127.3
166 126.9	94.1 174.8

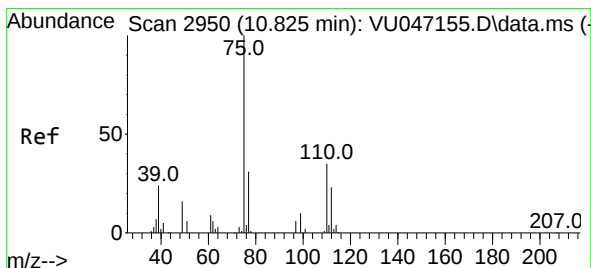
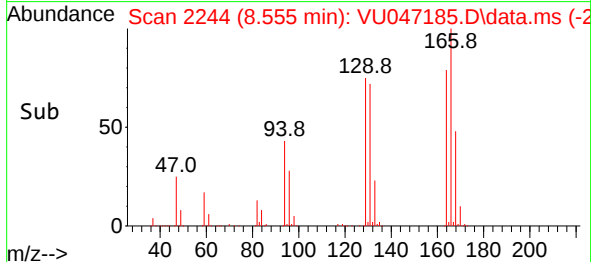
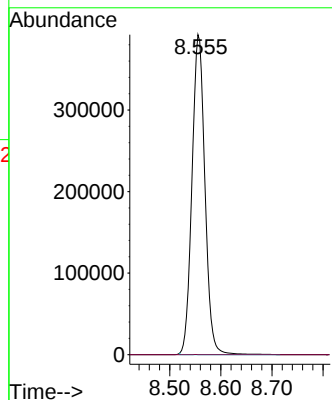
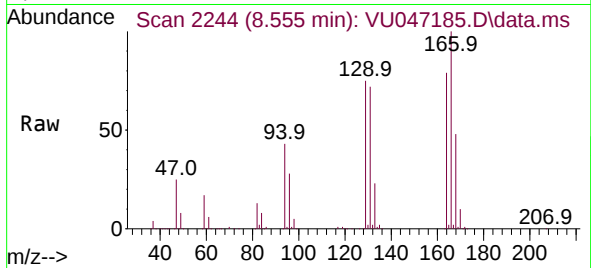




#49
Dibromochloromethane
Concen: 59.043 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047185.D
Acq: 17 Feb 2022 02:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 689277
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.157 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047185.D
Acq: 17 Feb 2022 02:52

Tgt Ion: 75 Resp: 10494
Ion Ratio Lower Upper
75 100
110 1.6 29.9 44.9#
77 34.0 25.5 38.3

