

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047173.D
 Acq On : 16 Feb 2022 20:03
 Operator : SY/MD
 Sample : N1558-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 17 04:08:31 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)

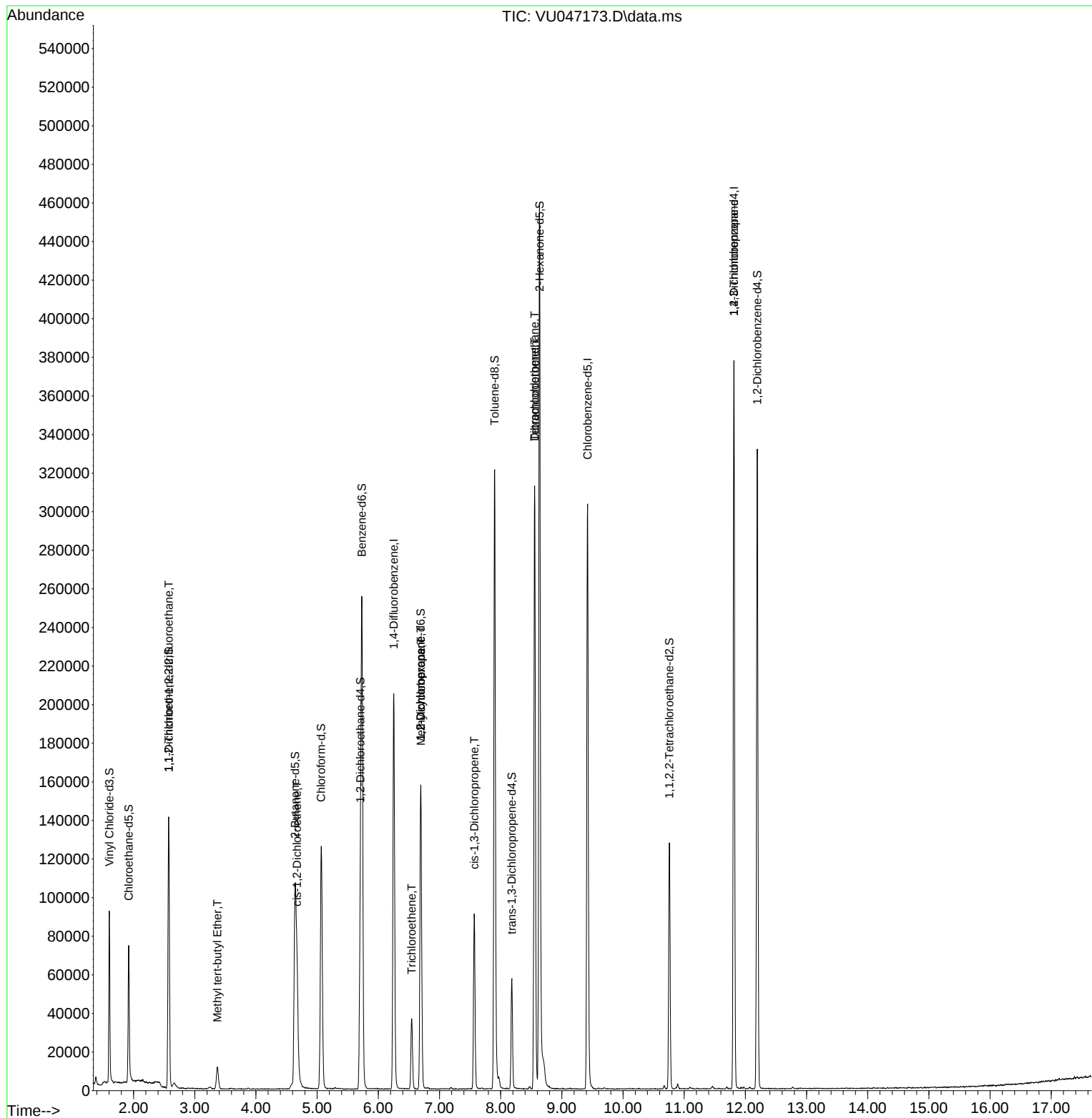
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	177228	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	179237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101922	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	65025	4.344	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.919	69	53860	4.540	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.575	65	26025	4.204	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.642	46	190028	53.115	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.240%	
24) Chloroform-d	5.067	84	116637	4.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.706	65	64409	4.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.732	84	241061	4.814	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.693	67	75991	4.768	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.902	98	227611	4.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
43) trans-1,3-Dichloroprop...	8.182	79	31988	4.428	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.636	63	168604	44.328	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.660%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	64695	4.467	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	88439	4.836	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	909	0.075	ug/L #	36
17) Methyl tert-butyl Ether	3.369	73	12734	0.400	ug/L #	94
22) cis-1,2-Dichloroethene	4.671	96	16268	1.186	ug/L	98
34) Trichloroethene	6.546	95	12216	0.899	ug/L	95
35) Methylcyclohexane	6.697	83	17641	0.770	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	8294	0.630	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2086	0.102	ug/L #	75
47) Tetrachloroethene	8.555	164	73646	6.680	ug/L	92
49) Dibromochloromethane	8.555	129	68259	5.543	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	11594	1.191	ug/L #	67

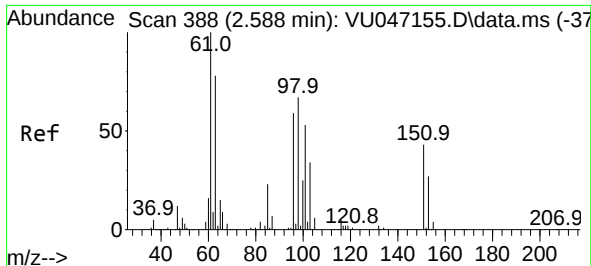
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.075 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

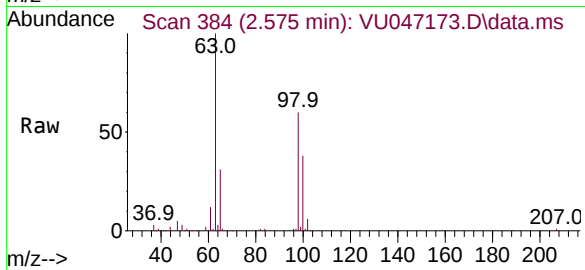
Lab File: VU047173.D

Acq: 16 Feb 2022 20:03

Instrument :

MSVOA_U

ClientSampleId :



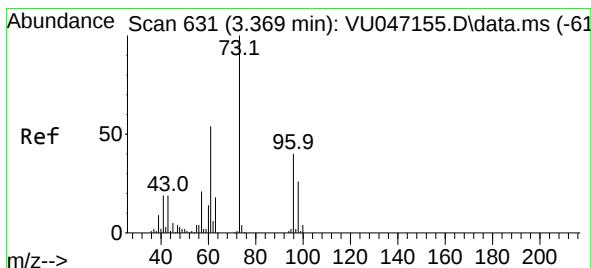
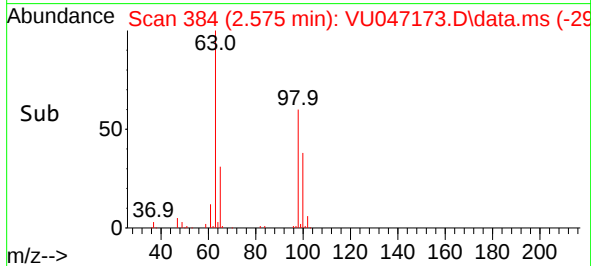
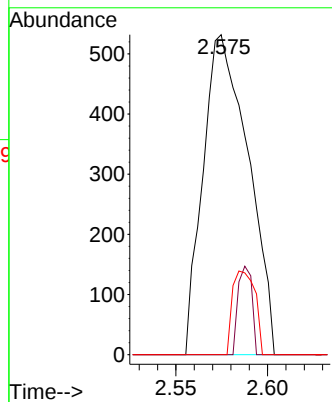
Tgt Ion:101 Resp: 909

Ion Ratio Lower Upper

101 100

85 8.5 34.6 51.8#

151 13.0 56.1 84.1#



#17

Methyl tert-butyl Ether

Concen: 0.400 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.000 min

Lab File: VU047173.D

Acq: 16 Feb 2022 20:03

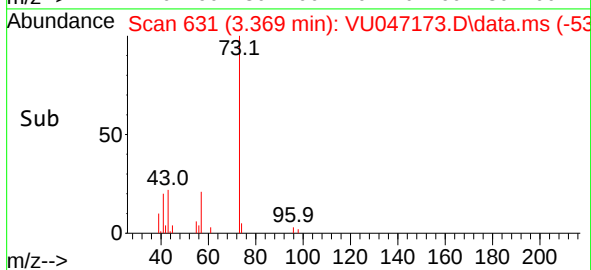
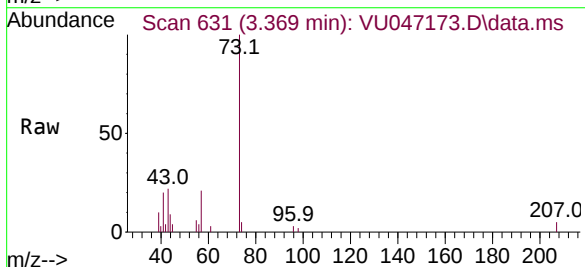
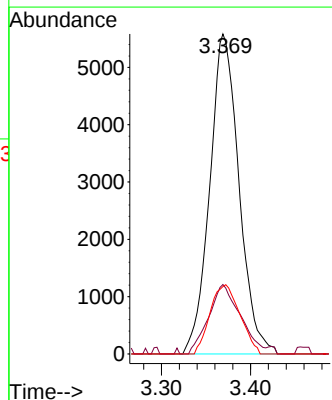
Tgt Ion: 73 Resp: 12734

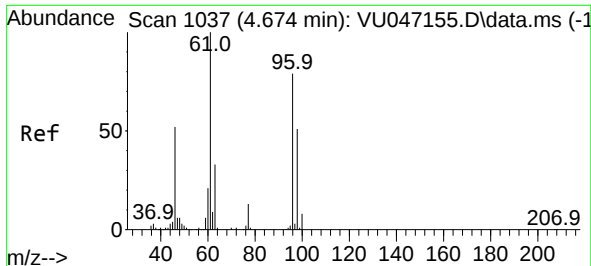
Ion Ratio Lower Upper

73 100

43 23.6 14.8 22.2#

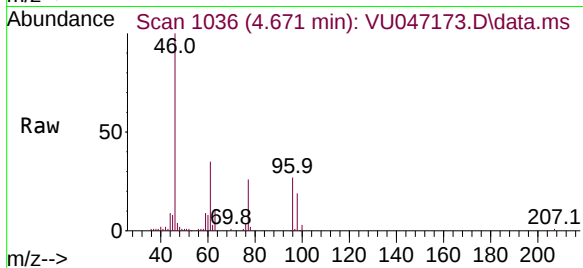
57 22.0 17.4 26.0



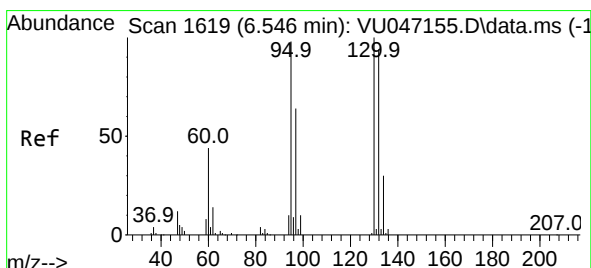
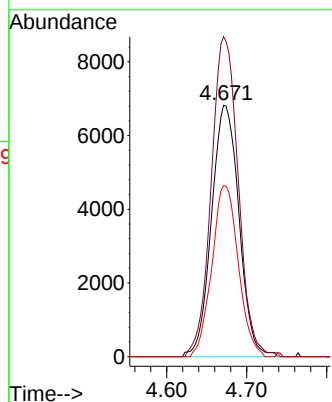
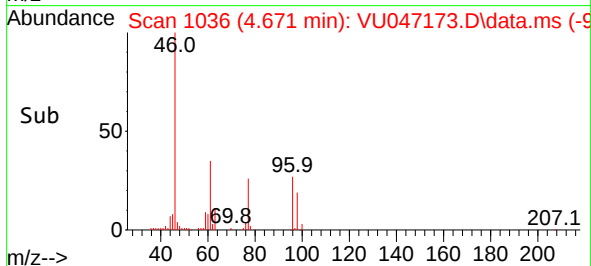


#22
cis-1,2-Dichloroethene
Concen: 1.186 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU047173.D
Acq: 16 Feb 2022 20:03

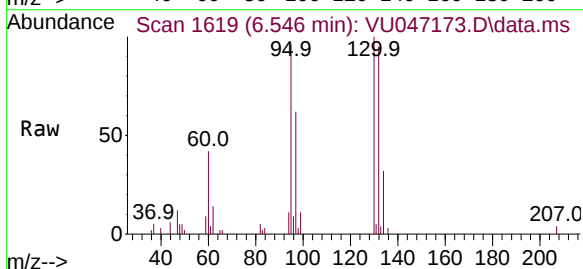
Instrument :
MSVOA_U
ClientSampleId :



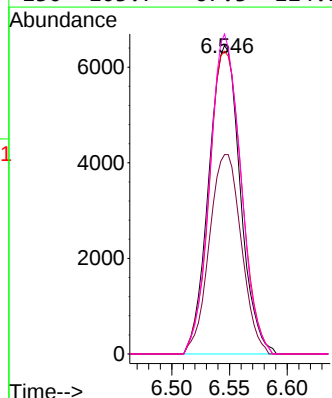
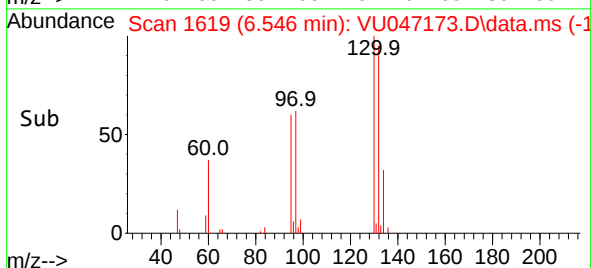
Tgt Ion: 96 Resp: 16268
Ion Ratio Lower Upper
96 100
61 127.3 88.5 164.3
98 68.0 44.4 82.5

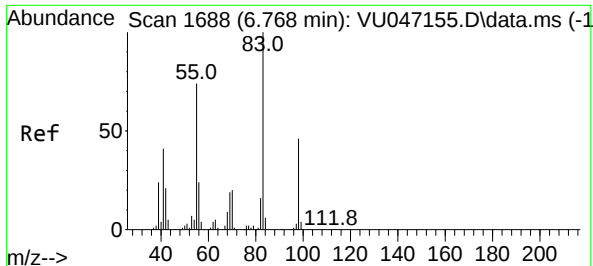


#34
Trichloroethene
Concen: 0.899 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047173.D
Acq: 16 Feb 2022 20:03



Tgt Ion: 95 Resp: 12216
Ion Ratio Lower Upper
95 100
97 64.7 46.5 86.5
132 98.1 65.1 120.9
130 103.7 67.3 124.9





#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU047173.D

Acq: 16 Feb 2022 20:03

Instrument :

MSVOA_U

ClientSampleId :

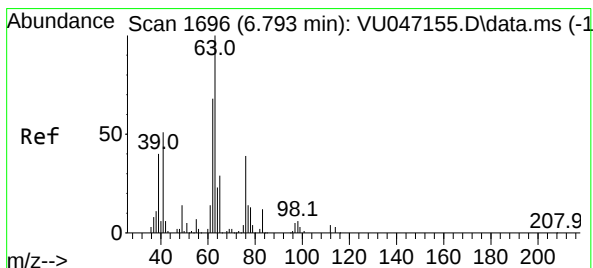
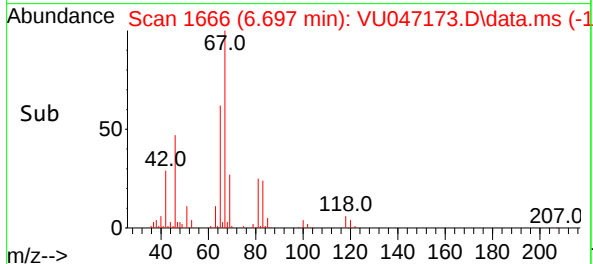
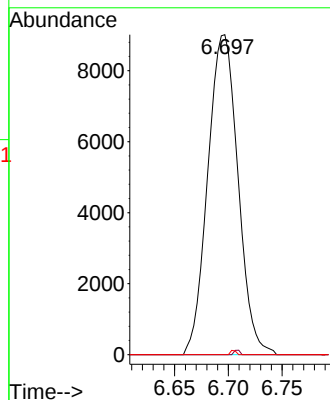
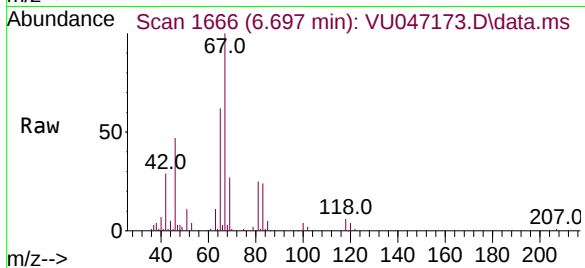
Tgt Ion: 83 Resp: 17641

Ion Ratio Lower Upper

83 100

55 0.3 61.9 92.9#

98 0.2 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.630 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047173.D

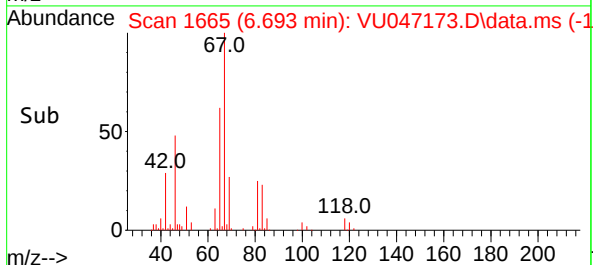
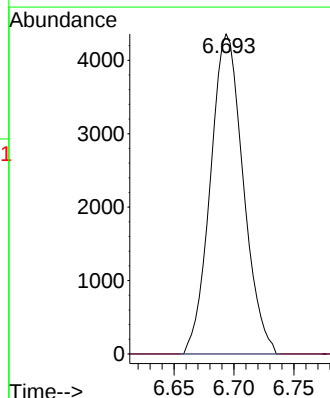
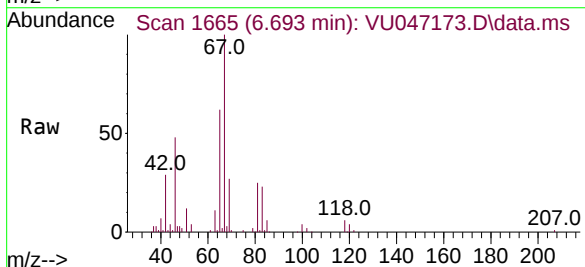
Acq: 16 Feb 2022 20:03

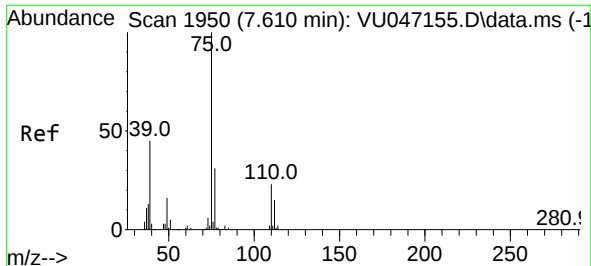
Tgt Ion: 63 Resp: 8294

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047173.D

Acq: 16 Feb 2022 20:03

Instrument :

MSVOA_U

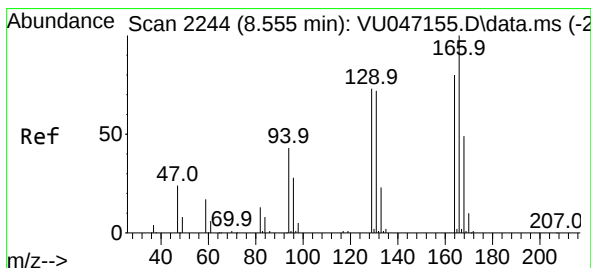
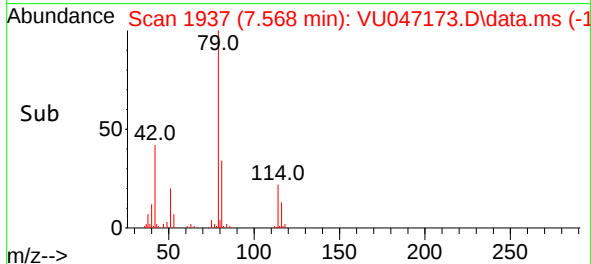
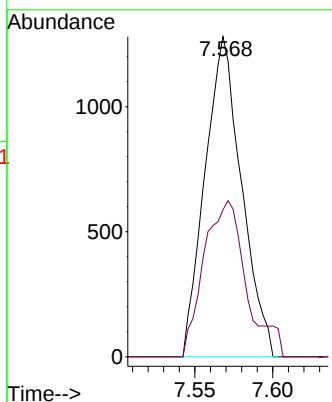
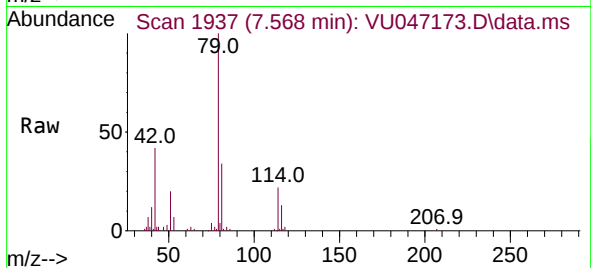
ClientSampleId :

Tgt Ion: 75 Resp: 2086

Ion Ratio Lower Upper

75 100

77 45.9 22.5 41.9#



#47

Tetrachloroethene

Concen: 6.680 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047173.D

Acq: 16 Feb 2022 20:03

Tgt Ion: 164 Resp: 73646

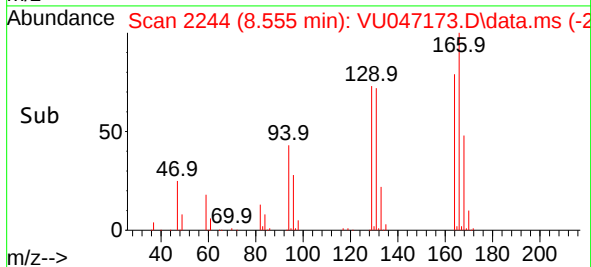
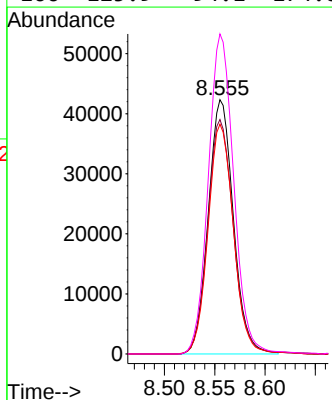
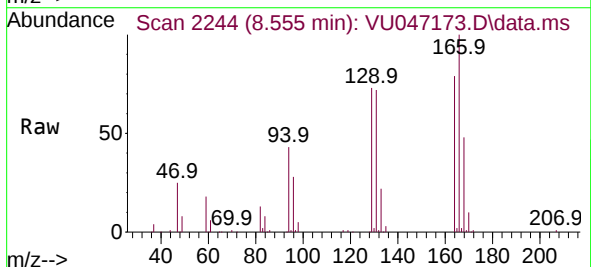
Ion Ratio Lower Upper

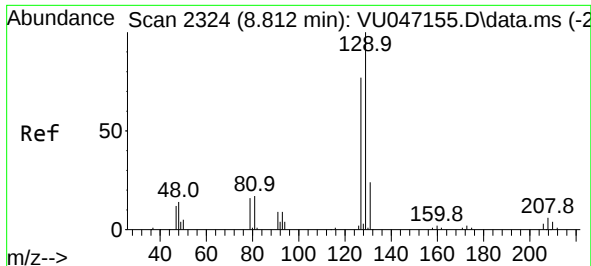
164 100

129 92.2 71.8 133.4

131 90.4 68.5 127.3

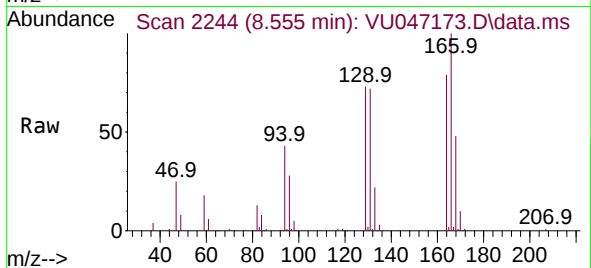
166 125.9 94.1 174.8



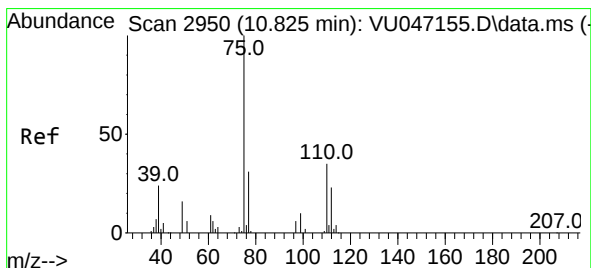
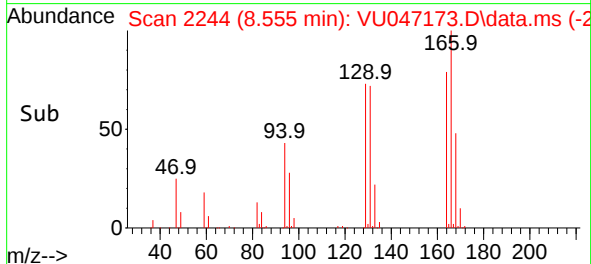
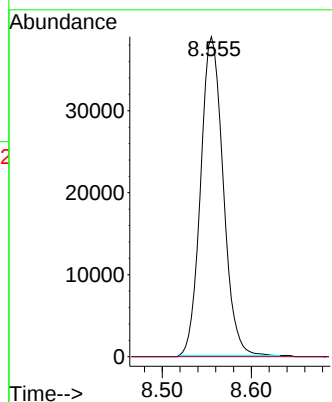


#49
Dibromochloromethane
Concen: 5.543 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047173.D
Acq: 16 Feb 2022 20:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 68259
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.191 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047173.D
Acq: 16 Feb 2022 20:03

Tgt Ion: 75 Resp: 11594
Ion Ratio Lower Upper
75 100
110 2.4 29.9 44.9#
77 33.2 25.5 38.3

