

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012022\
 Data File : VU046804.D
 Acq On : 20 Jan 2022 12:17
 Operator : SY/MD
 Sample : N1194-01DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 00:43:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

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

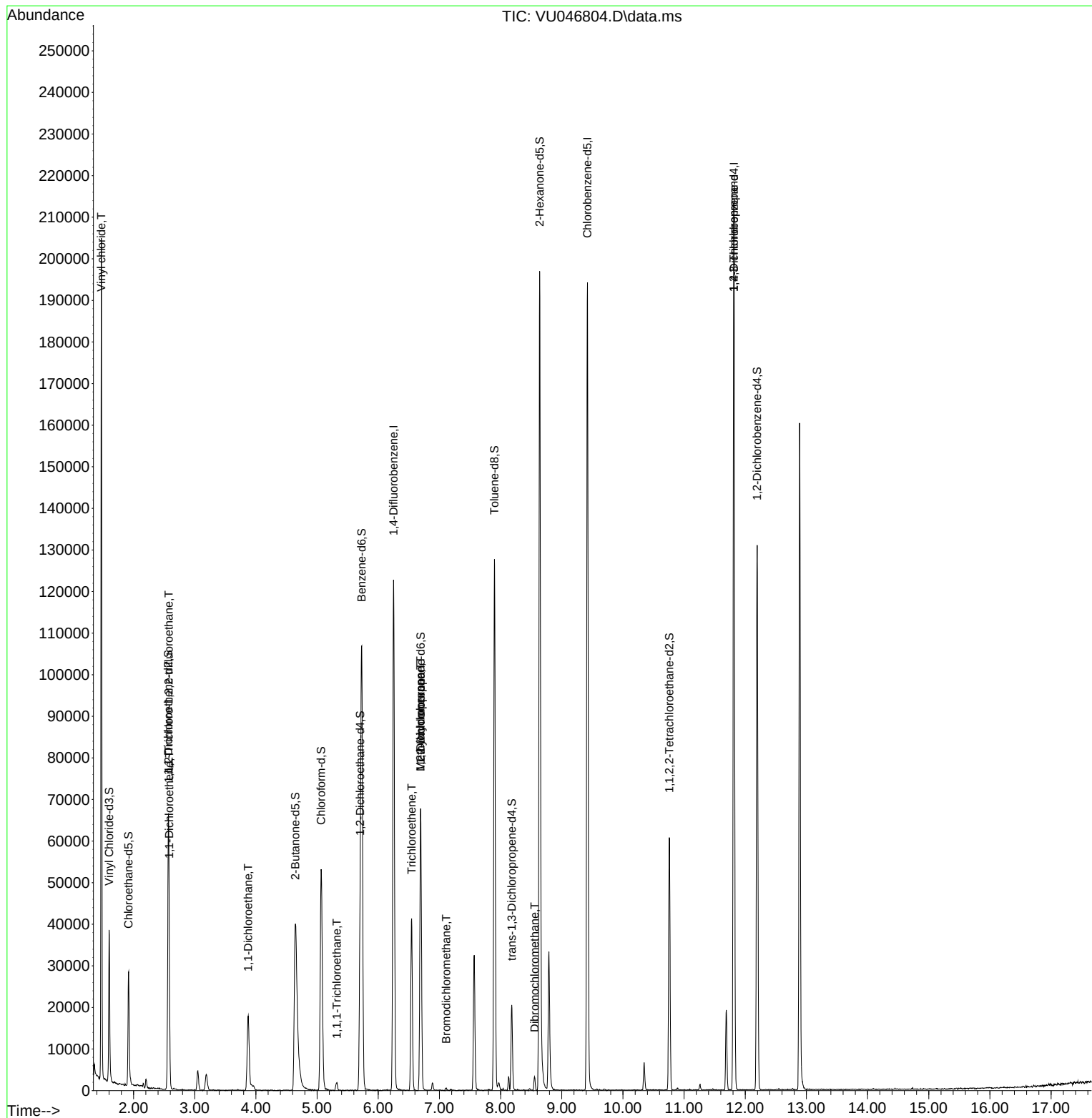
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	103707	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	112096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	58194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28192	3.208	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.916	69	22885	3.305	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.200%
11) 1,1-Dichloroethene-d2	2.568	65	11219	3.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.645	46	87846	33.743	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.480%
24) Chloroform-d	5.066	84	51168	3.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.400%#
26) 1,2-Dichloroethane-d4	5.703	65	29439	3.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
32) Benzene-d6	5.729	84	103558	3.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.800%#
36) 1,2-Dichloropropane-d6	6.693	67	33108	3.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.000%
41) Toluene-d8	7.899	98	87119	2.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.800%#
43) trans-1,3-Dichloroprop...	8.182	79	12819	2.951	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.000%
46) 2-Hexanone-d5	8.639	63	77816	30.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30793	3.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.000%#
66) 1,2-Dichlorobenzene-d4	12.195	152	35954	3.294	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.800%#
Target Compounds						Qvalue
5) Vinyl chloride	1.472	62	1907	0.228	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	268	0.044	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	4476	0.773	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	20753	1.971	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	1655	0.164	ug/L	95
34) Trichloroethene	6.546	95	14049	2.050	ug/L	94
35) Methylcyclohexane	6.690	83	7755	0.676	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	3287	0.508	ug/L #	88
38) Bromodichloromethane	7.111	83	602	0.065	ug/L #	79
49) Dibromochloromethane	8.555	129	690	0.106	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6805	1.380	ug/L #	65

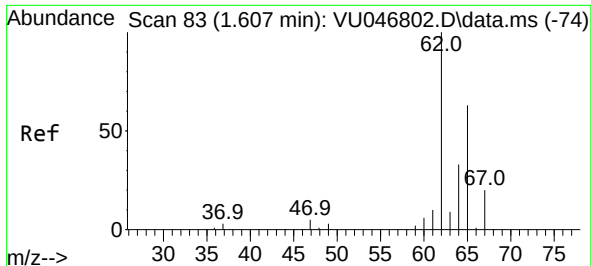
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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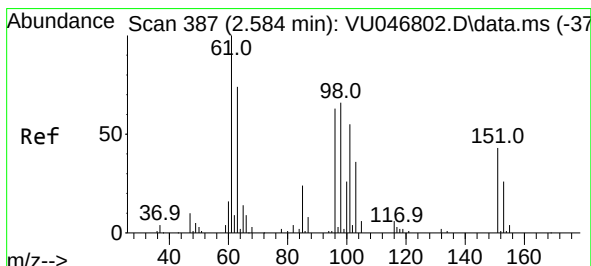
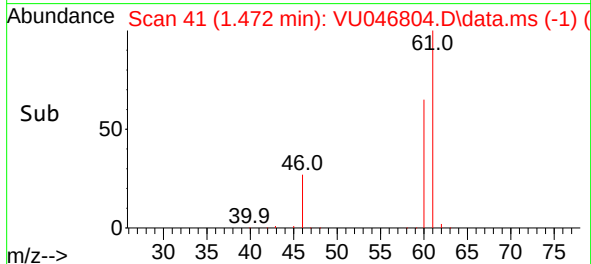
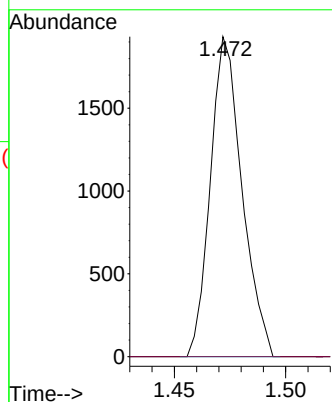
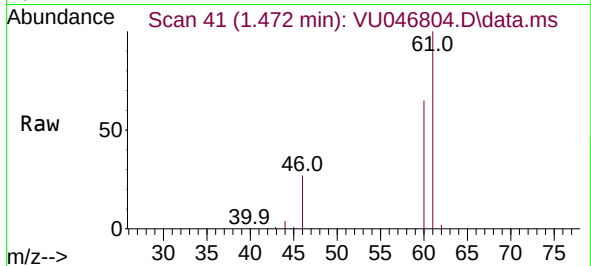




#5
 Vinyl chloride
 Concen: 0.228 ug/L
 RT: 1.472 min Scan# 41
 Delta R.T. -0.135 min
 Lab File: VU046804.D
 Acq: 20 Jan 2022 12:17

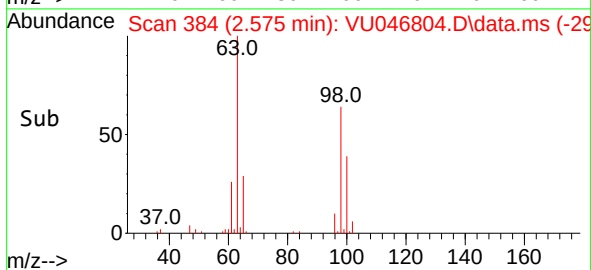
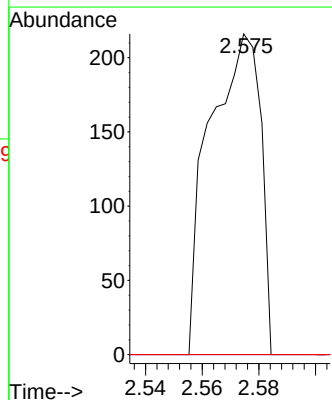
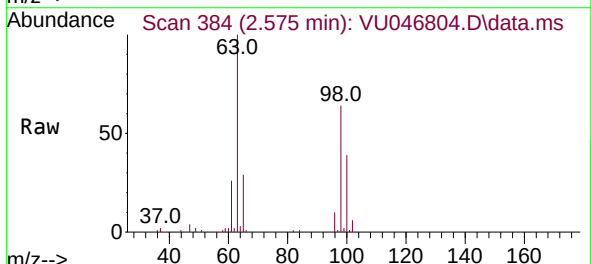
Instrument :
 MSVOA_U
 ClientSampleId :

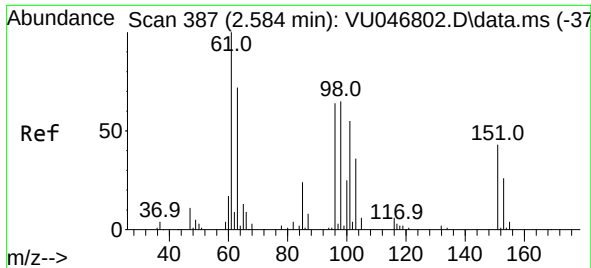
Tgt Ion: 62 Resp: 1907
 Ion Ratio Lower Upper
 62 100
 64 0.0 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.044 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046804.D
 Acq: 20 Jan 2022 12:17

Tgt Ion: 101 Resp: 268
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.773 ug/L

RT: 2.581 min Scan# 387

Delta R.T. -0.007 min

Lab File: VU046804.D

Acq: 20 Jan 2022 12:17

Instrument :

MSVOA_U

ClientSampleId :

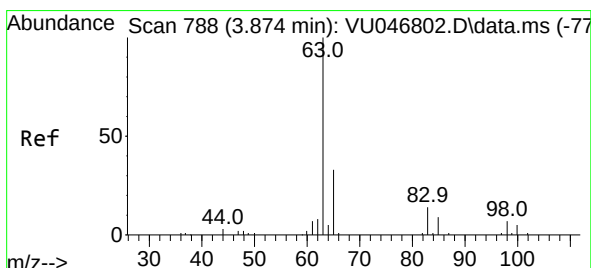
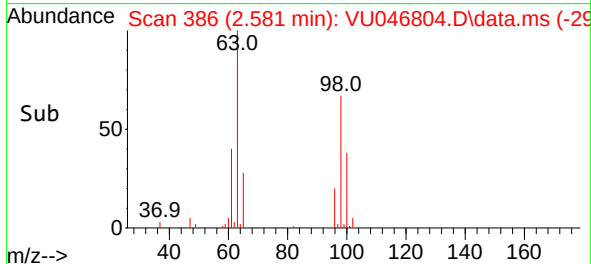
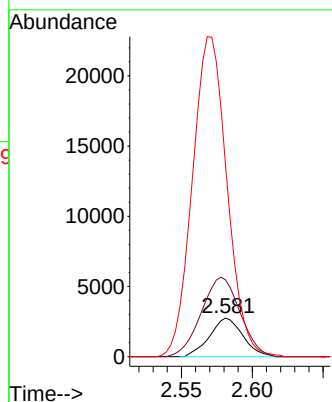
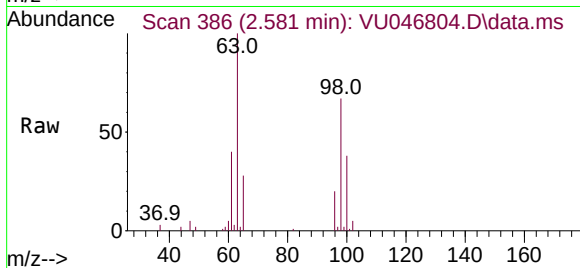
Tgt Ion: 96 Resp: 4476

Ion Ratio Lower Upper

96 100

61 199.2 124.7 231.5

63 498.7 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 1.971 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046804.D

Acq: 20 Jan 2022 12:17

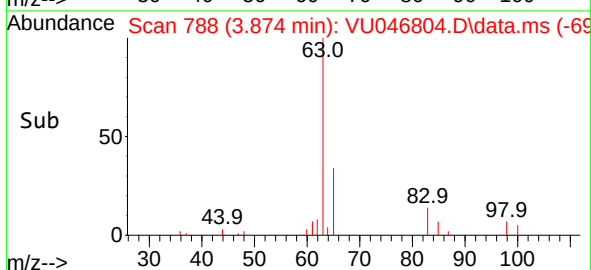
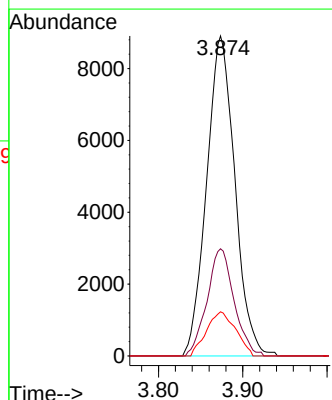
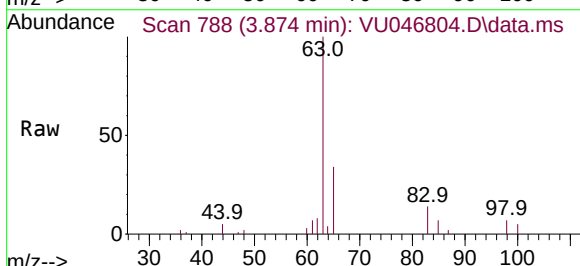
Tgt Ion: 63 Resp: 20753

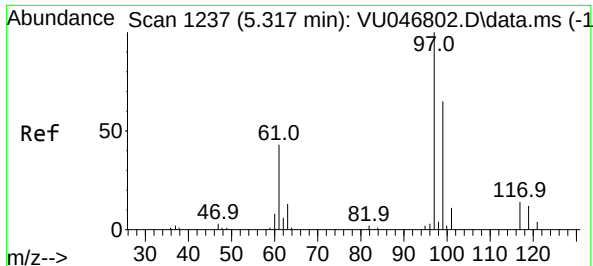
Ion Ratio Lower Upper

63 100

65 33.5 22.3 41.5

83 13.8 9.6 17.8





#29

1,1,1-Trichloroethane

Concen: 0.164 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046804.D

Acq: 20 Jan 2022 12:17

Instrument :

MSVOA_U

ClientSampleId :

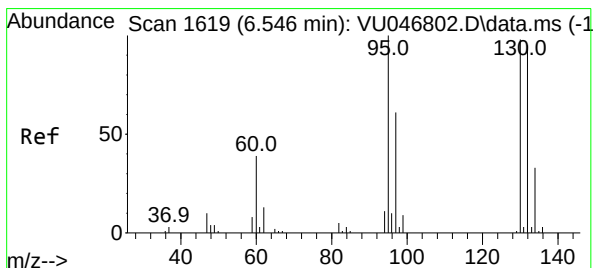
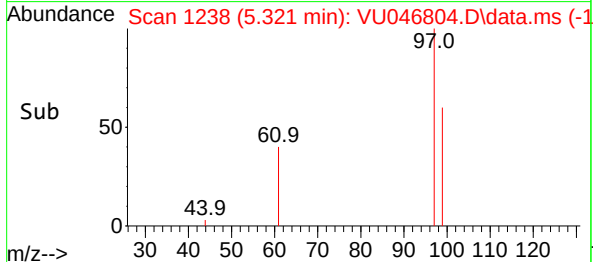
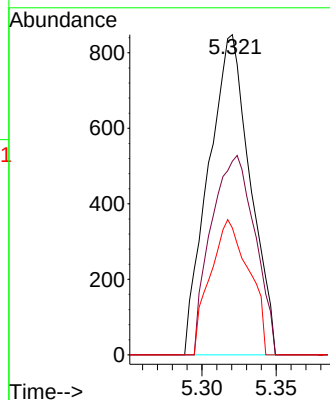
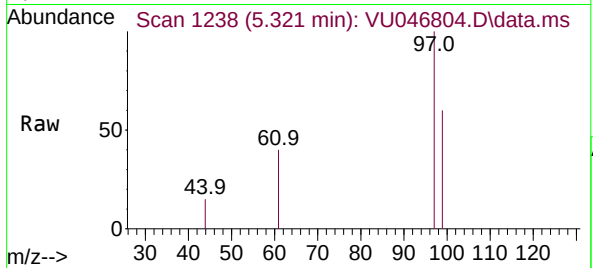
Tgt Ion: 97 Resp: 1655

Ion Ratio Lower Upper

97 100

99 65.4 51.3 76.9

61 39.2 36.1 54.1



#34

Trichloroethene

Concen: 2.050 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU046804.D

Acq: 20 Jan 2022 12:17

Tgt Ion: 95 Resp: 14049

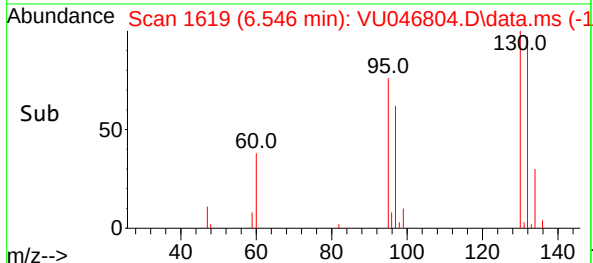
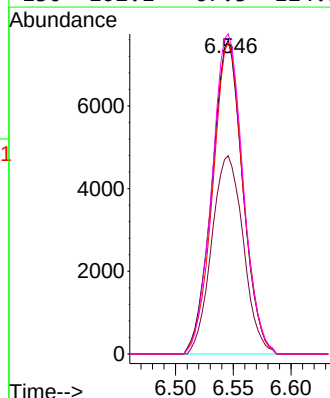
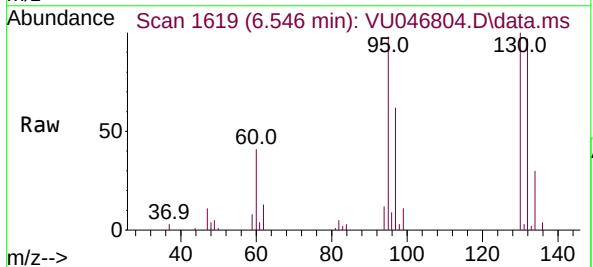
Ion Ratio Lower Upper

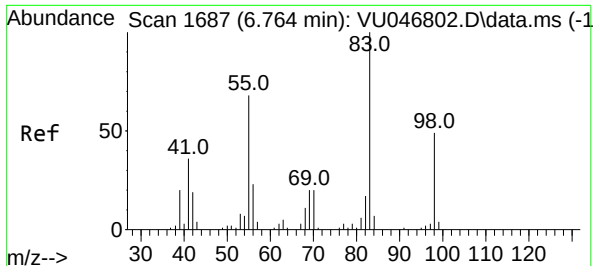
95 100

97 63.2 46.5 86.5

132 99.4 65.1 120.9

130 102.1 67.3 124.9





#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046804.D

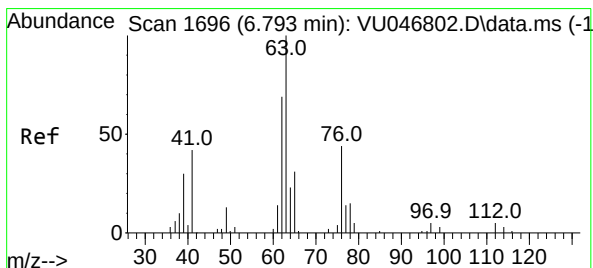
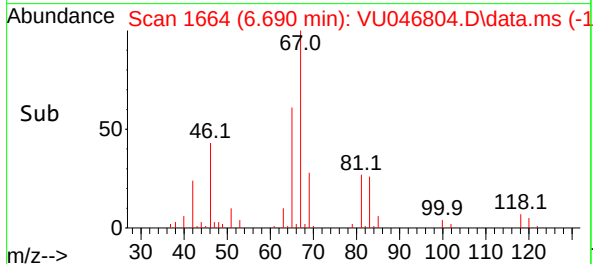
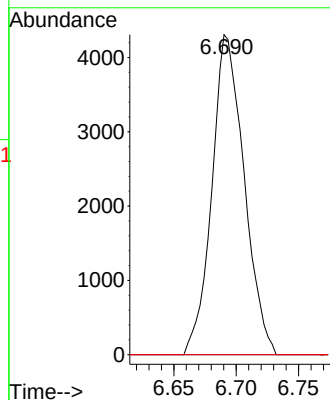
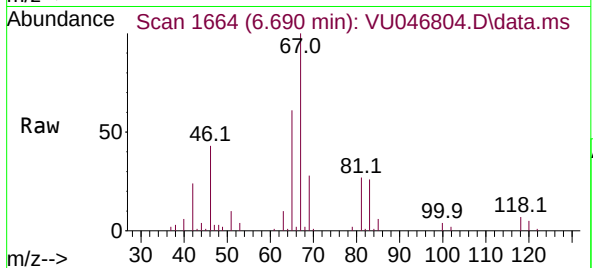
Acq: 20 Jan 2022 12:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 7755
Ion Ratio	Lower Upper
83	100
55	0.0 61.9 92.9#
98	3.9 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.508 ug/L

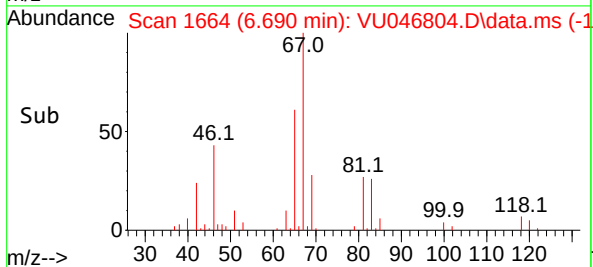
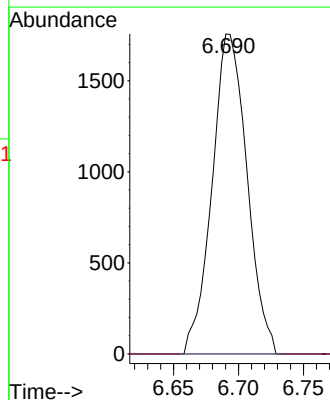
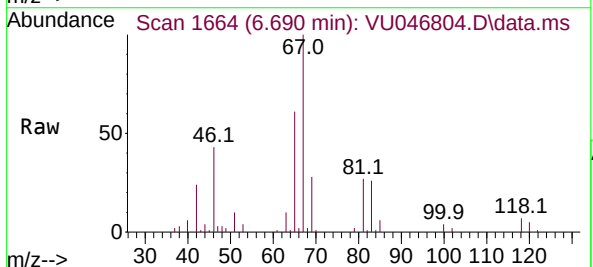
RT: 6.690 min Scan# 1664

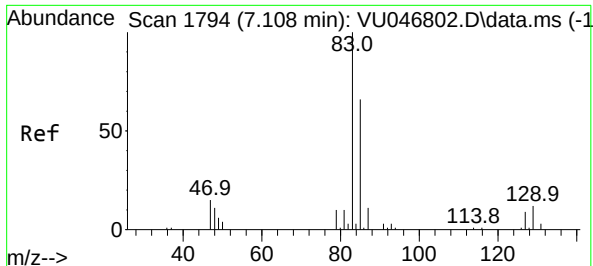
Delta R.T. -0.103 min

Lab File: VU046804.D

Acq: 20 Jan 2022 12:17

Tgt Ion: 63	Resp: 3287
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#

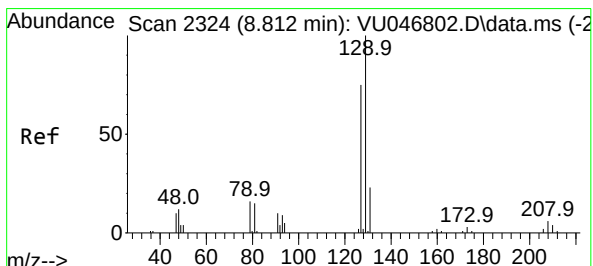
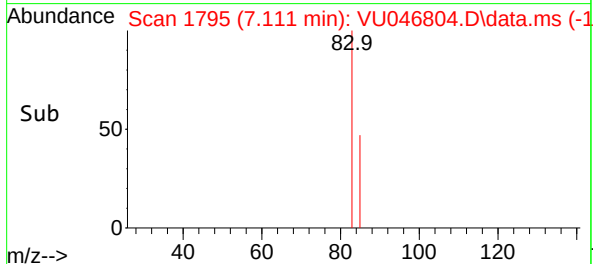
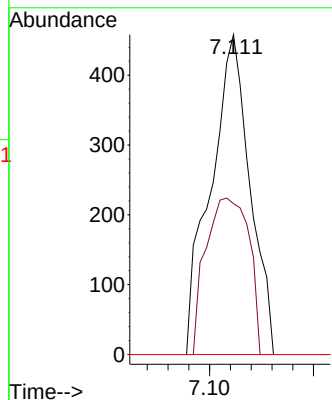
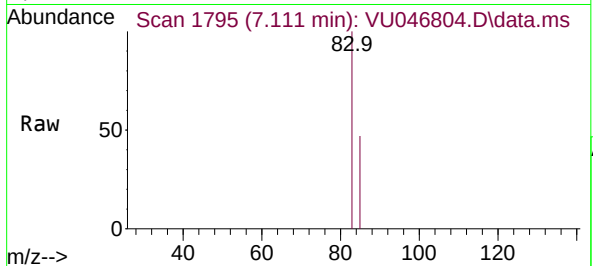




#38
 Bromodichloromethane
 Concen: 0.065 ug/L
 RT: 7.111 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU046804.D
 Acq: 20 Jan 2022 12:17

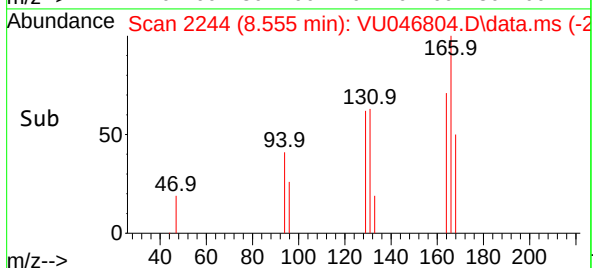
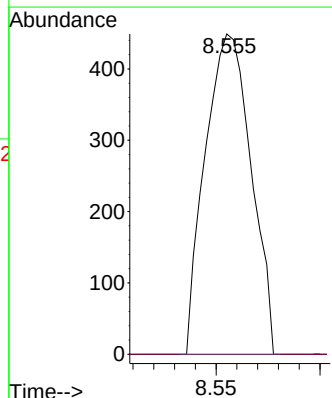
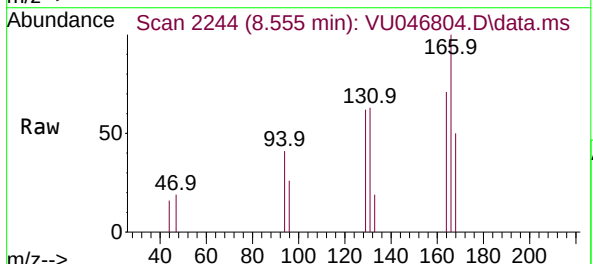
Instrument :
 MSVOA_U
 ClientSampleId :

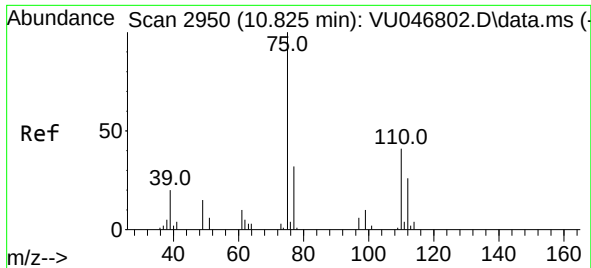
Tgt Ion: 83 Resp: 602
 Ion Ratio Lower Upper
 83 100
 85 47.2 44.0 81.8
 127 0.0 6.3 9.5#



#49
 Dibromochloromethane
 Concen: 0.106 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. -0.257 min
 Lab File: VU046804.D
 Acq: 20 Jan 2022 12:17

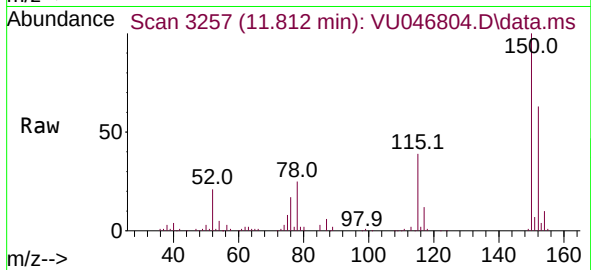
Tgt Ion: 129 Resp: 690
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.380 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046804.D
 Acq: 20 Jan 2022 12:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6805
 Ion Ratio Lower Upper
 75 100
 110 1.0 29.9 44.9#
 77 29.5 25.5 38.3

