

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046743.D
 Acq On : 12 Jan 2022 15:31
 Operator : SY/MD
 Sample : N1101-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW6DL

Quant Time: Jan 13 01:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

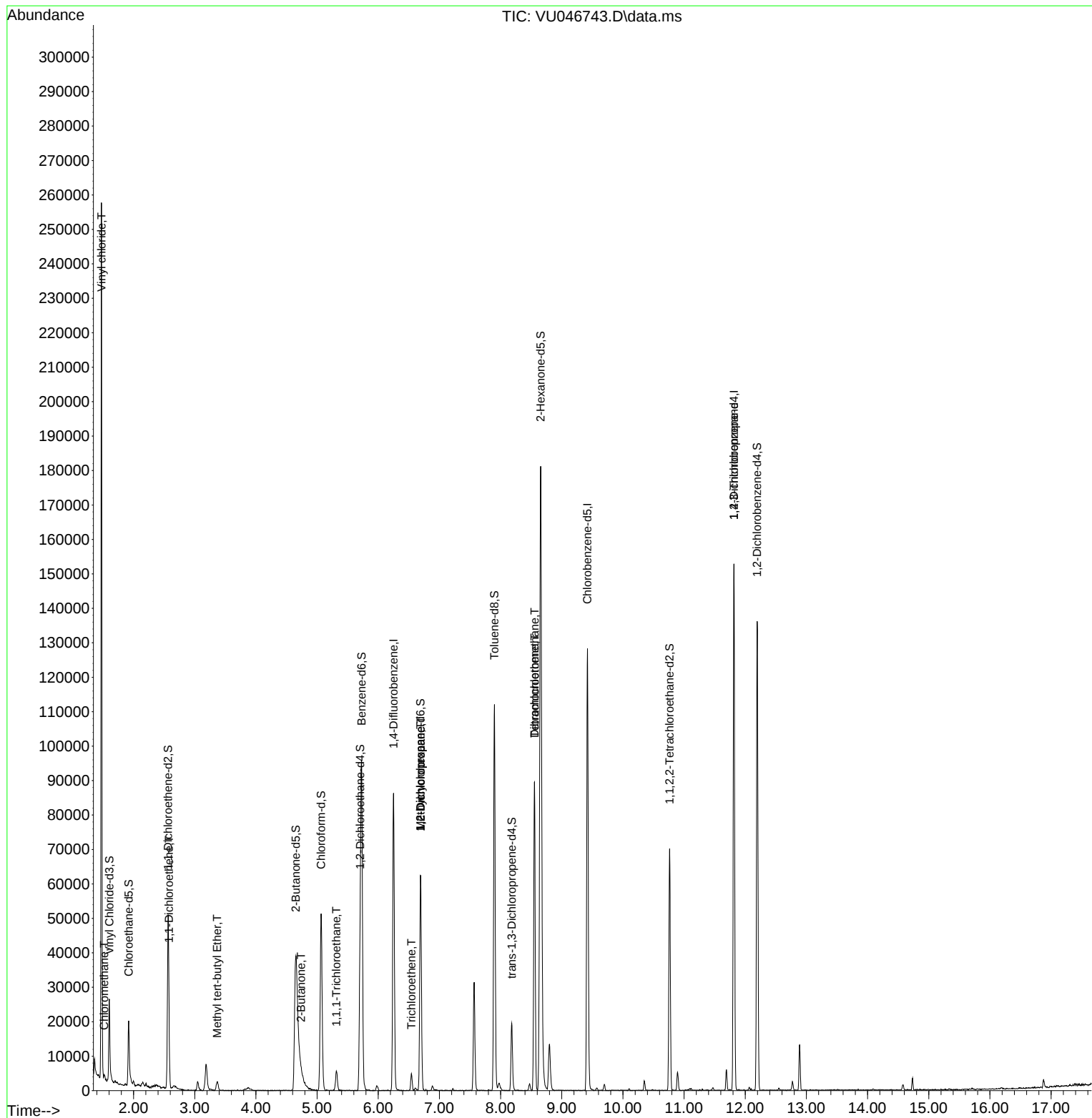
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72341	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	77247	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	41172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20168	3.539	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.919	69	18382	4.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.565	65	8742	3.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.652	46	98532	59.614	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.220%
24) Chloroform-d	5.067	84	47890	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.703	65	28958	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.729	84	89419	4.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.690	67	28753	4.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.899	98	77095	3.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.182	79	13026	4.353	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.655	63	89194	50.764	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.520%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34621	5.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	35312	4.656	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
3) Chloromethane	1.520	50	1457	0.153	ug/L	95
5) Vinyl chloride	1.475	62	2387	0.254	ug/L #	42
12) 1,1-Dichloroethene	2.578	96	2560	0.402	ug/L #	1
17) Methyl tert-butyl Ether	3.366	73	3164	0.170	ug/L	94
21) 2-Butanone	4.739	43	3561	1.515	ug/L #	70
29) 1,1,1-Trichloroethane	5.314	97	4653	0.364	ug/L	95
34) Trichloroethene	6.542	95	1710	0.211	ug/L	94
35) Methylcyclohexane	6.690	83	7433	0.652	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	3344	0.427	ug/L #	88
47) Tetrachloroethene	8.555	164	20262	3.539	ug/L	97
49) Dibromochloromethane	8.555	129	19482	2.502	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	4801	0.702	ug/L #	67

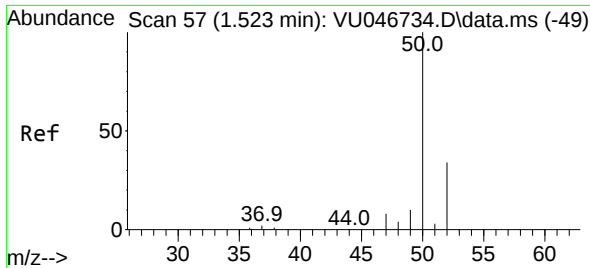
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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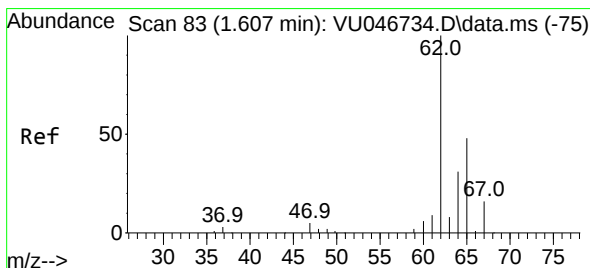
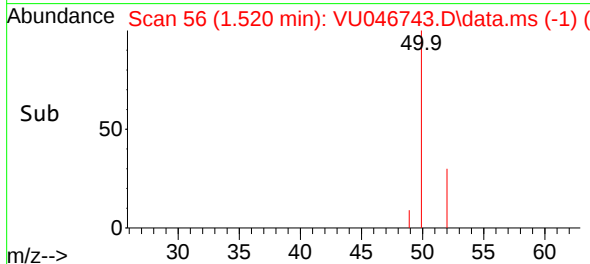
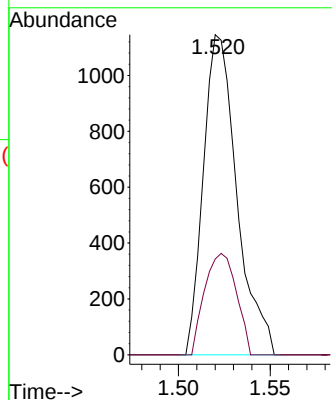
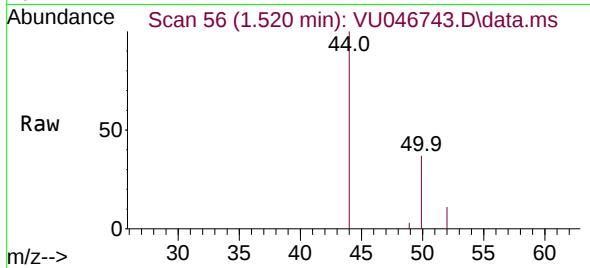




#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU046743.D
Acq: 12 Jan 2022 15:31

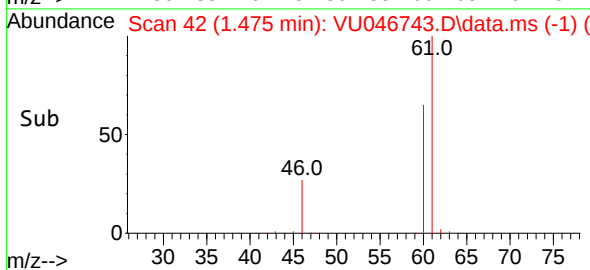
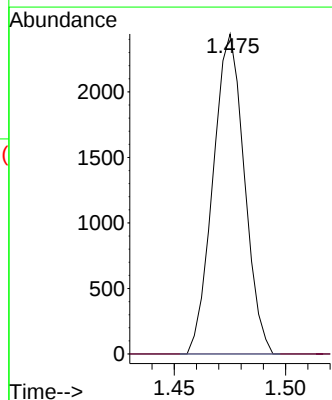
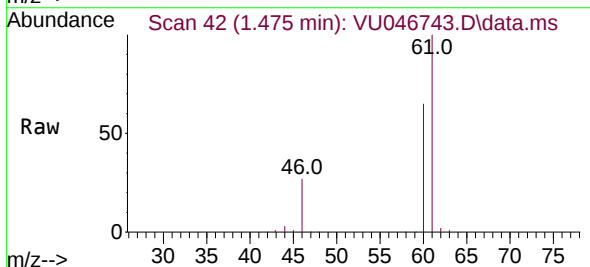
Instrument :
MSVOA_U
ClientSampleId :
BFXW6DL

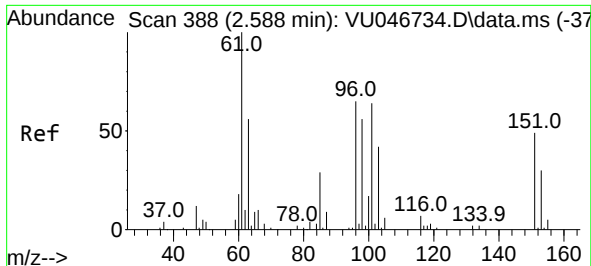
Tgt Ion: 50 Resp: 1457
Ion Ratio Lower Upper
50 100
52 29.9 23.0 42.8



#5
Vinyl chloride
Concen: 0.254 ug/L
RT: 1.475 min Scan# 42
Delta R.T. -0.125 min
Lab File: VU046743.D
Acq: 12 Jan 2022 15:31

Tgt Ion: 62 Resp: 2387
Ion Ratio Lower Upper
62 100
64 0.0 22.9 42.5#





#12

1,1-Dichloroethene

Concen: 0.402 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046743.D

Acq: 12 Jan 2022 15:31

Instrument :

MSVOA_U

ClientSampleId :

BFXW6DL

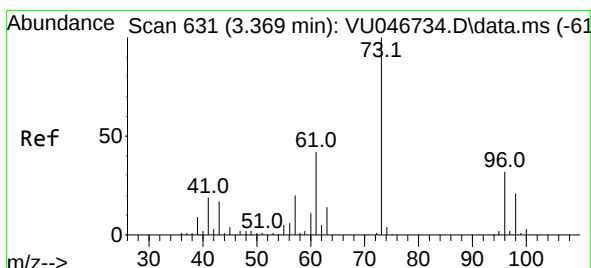
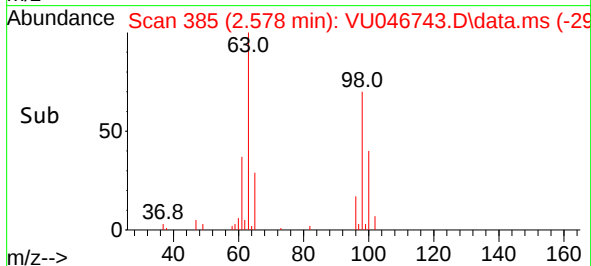
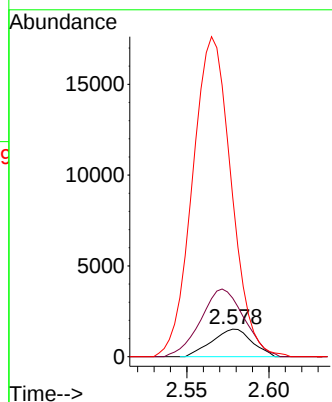
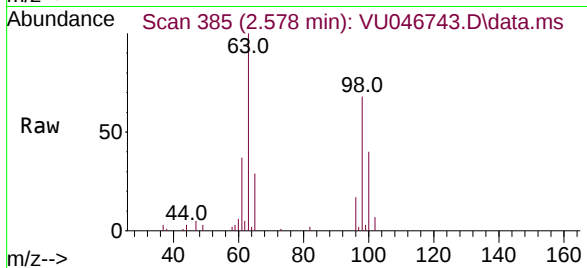
Tgt Ion: 96 Resp: 2560

Ion Ratio Lower Upper

96 100

61 213.1 124.7 231.5

63 581.7 105.2 195.4#



#17

Methyl tert-butyl Ether

Concen: 0.170 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.006 min

Lab File: VU046743.D

Acq: 12 Jan 2022 15:31

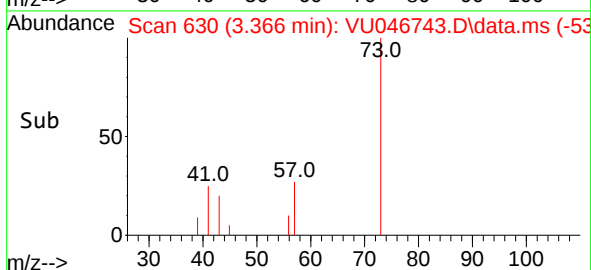
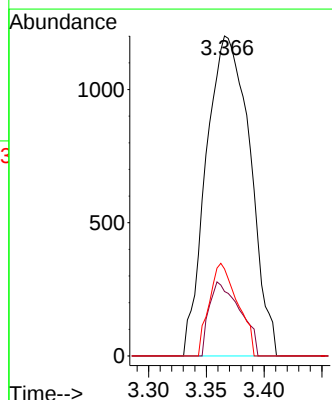
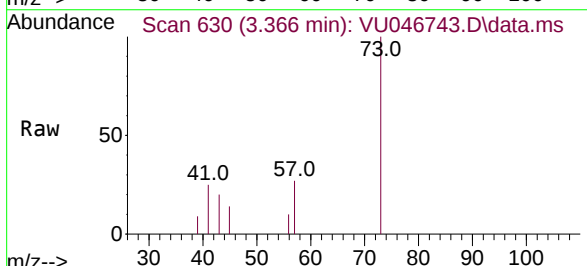
Tgt Ion: 73 Resp: 3164

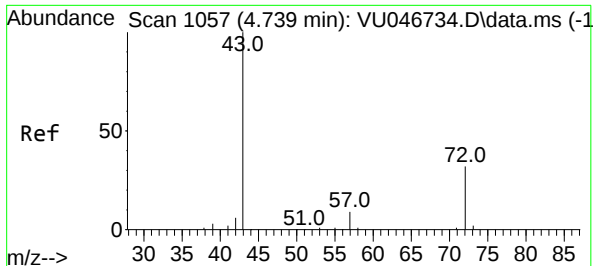
Ion Ratio Lower Upper

73 100

43 16.3 14.8 22.2

57 18.8 17.4 26.0





#21

2-Butanone

Concen: 1.515 ug/L

RT: 4.739 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VU046743.D

Acq: 12 Jan 2022 15:31

Instrument :

MSVOA_U

ClientSampleId :

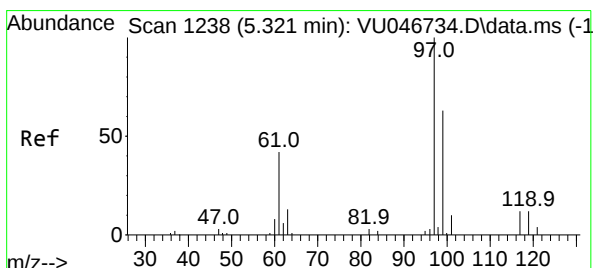
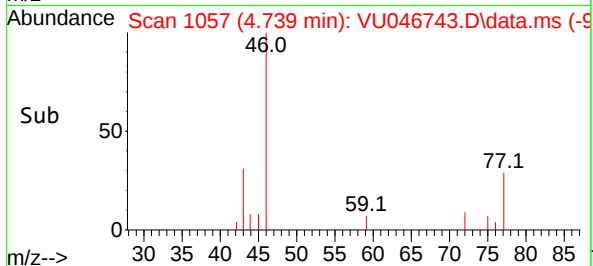
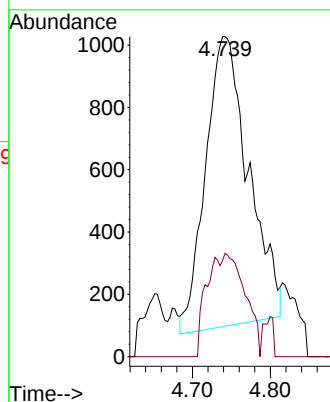
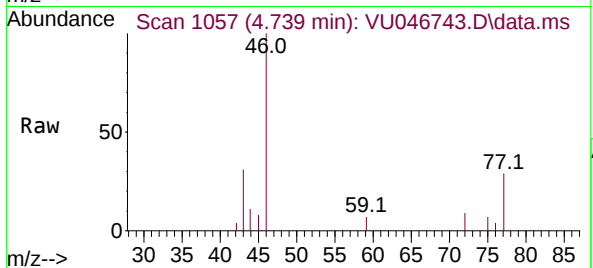
BFXW6DL

Tgt Ion: 43 Resp: 3561

Ion Ratio Lower Upper

43 100

72 12.2 14.1 42.3#



#29

1,1,1-Trichloroethane

Concen: 0.364 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU046743.D

Acq: 12 Jan 2022 15:31

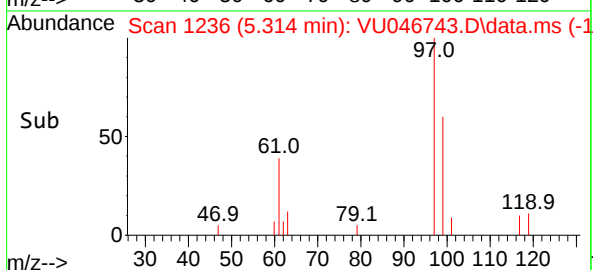
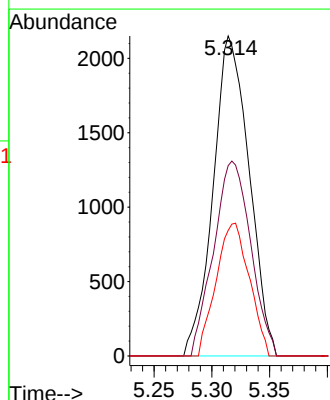
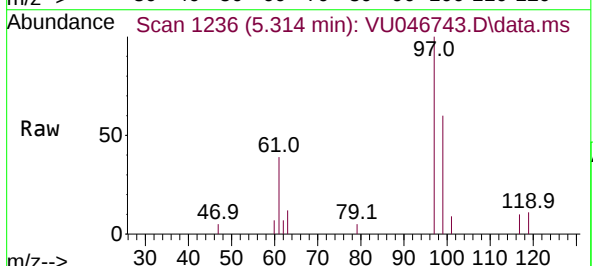
Tgt Ion: 97 Resp: 4653

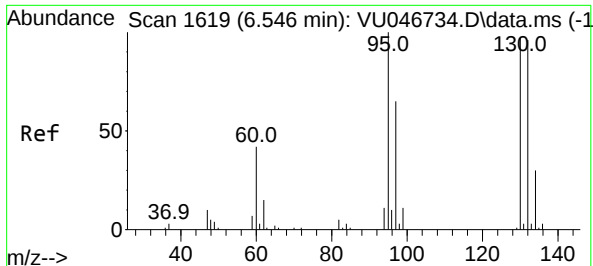
Ion Ratio Lower Upper

97 100

99 63.0 51.3 76.9

61 38.3 36.1 54.1



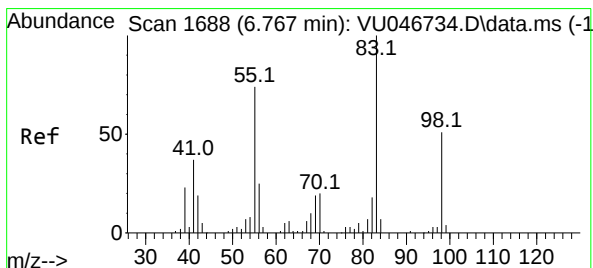
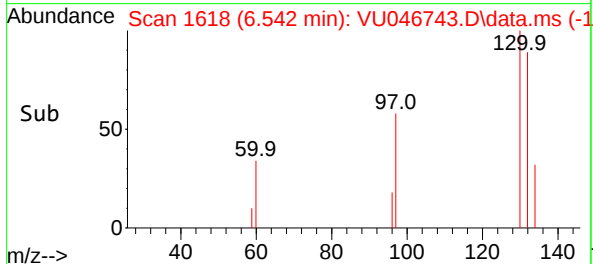
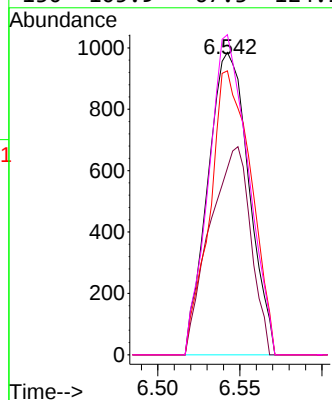
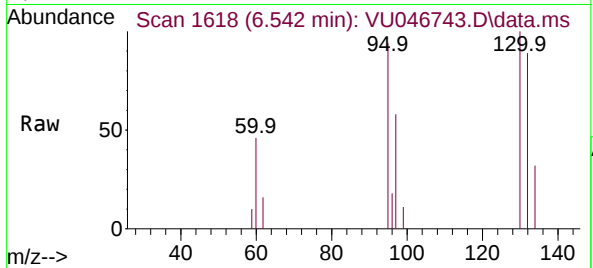


#34
Trichloroethene
Concen: 0.211 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046743.D
Acq: 12 Jan 2022 15:31

Instrument :
MSVOA_U
ClientSampleId :
BFXW6DL

Tgt Ion: 95 Resp: 1710

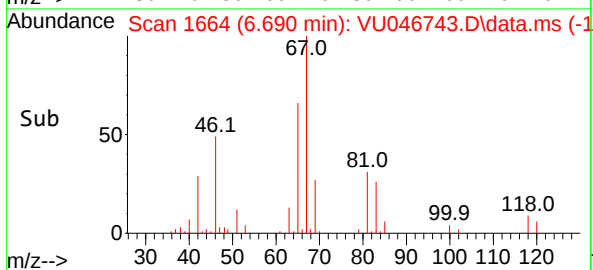
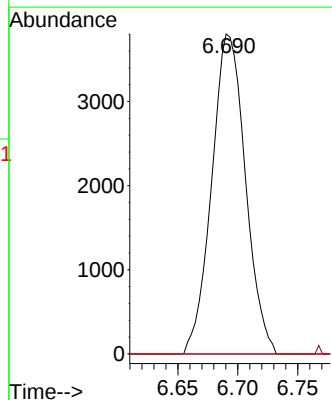
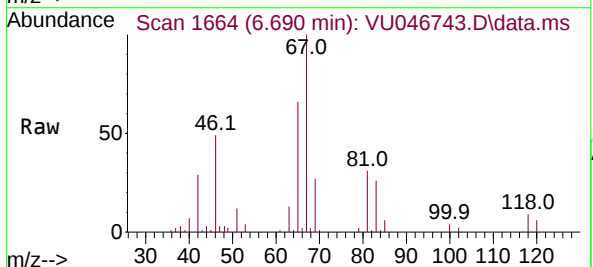
Ion	Ratio	Lower	Upper
95	100		
97	61.7	46.5	86.5
132	93.9	65.1	120.9
130	105.9	67.3	124.9

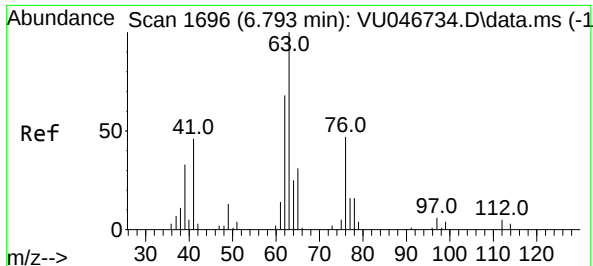


#35
Methylcyclohexane
Concen: 0.652 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU046743.D
Acq: 12 Jan 2022 15:31

Tgt Ion: 83 Resp: 7433

Ion	Ratio	Lower	Upper
83	100		
55	0.3	61.9	92.9#
98	0.0	39.0	58.6#

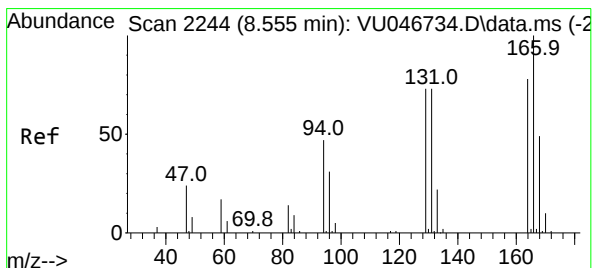
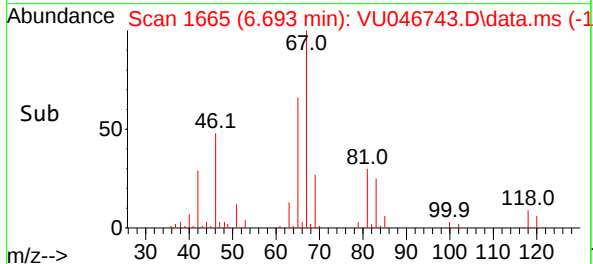
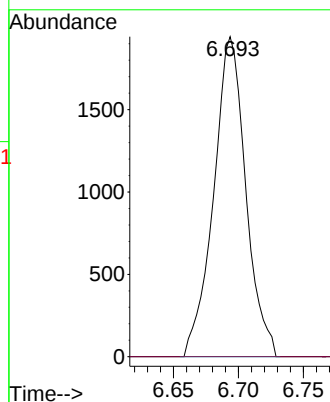
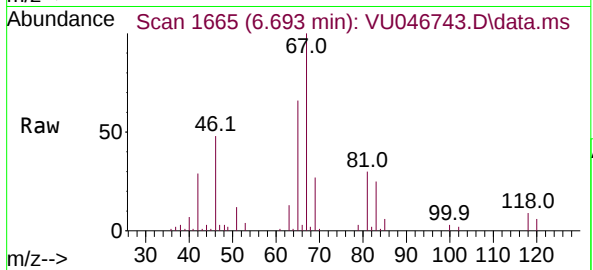




#37
1,2-Dichloropropane
Concen: 0.427 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU046743.D
Acq: 12 Jan 2022 15:31

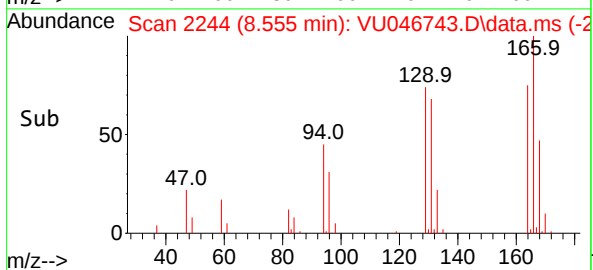
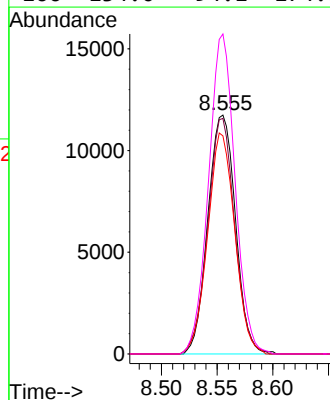
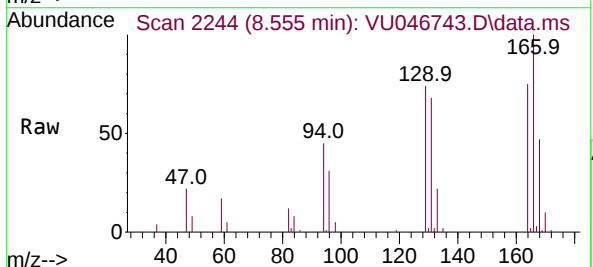
Instrument :
MSVOA_U
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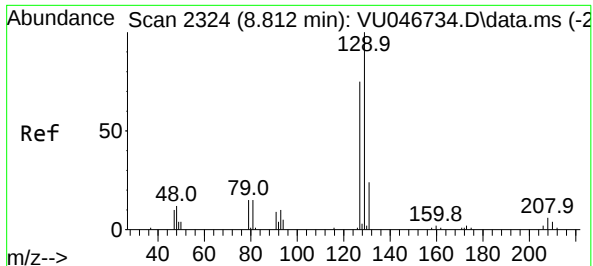
Tgt Ion: 63 Resp: 3344
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 3.539 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046743.D
Acq: 12 Jan 2022 15:31

Tgt Ion: 164 Resp: 20262
Ion Ratio Lower Upper
164 100
129 98.6 71.8 133.4
131 91.3 68.5 127.3
166 134.0 94.1 174.8





#49

Dibromochloromethane

Concen: 2.502 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046743.D

Acq: 12 Jan 2022 15:31

Instrument :

MSVOA_U

ClientSampleId :

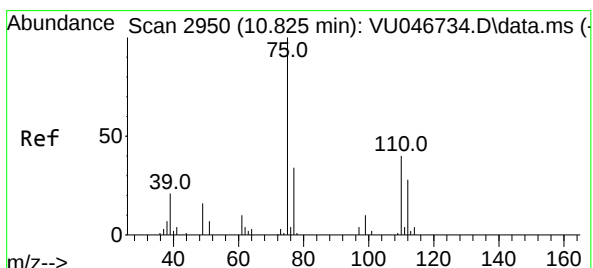
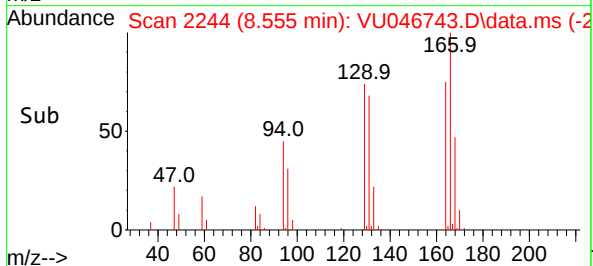
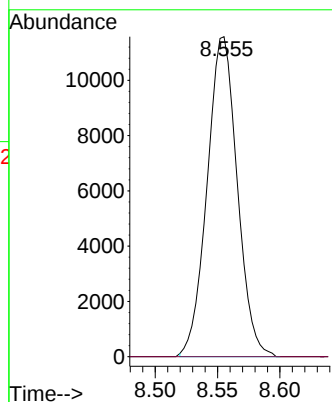
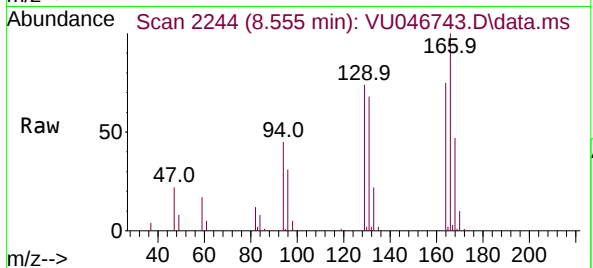
BFXW6DL

Tgt Ion:129 Resp: 19482

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 0.702 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.990 min

Lab File: VU046743.D

Acq: 12 Jan 2022 15:31

Tgt Ion: 75 Resp: 4801

Ion Ratio Lower Upper

75 100

110 0.4 29.9 44.9#

77 32.0 25.5 38.3

