

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046632.D
 Acq On : 29 Dec 2021 17:24
 Operator : SY/MD
 Sample : M5193-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J00DL

Quant Time: Dec 30 04:22:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 30 04:21:35 2021
 Response via : Initial Calibration

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

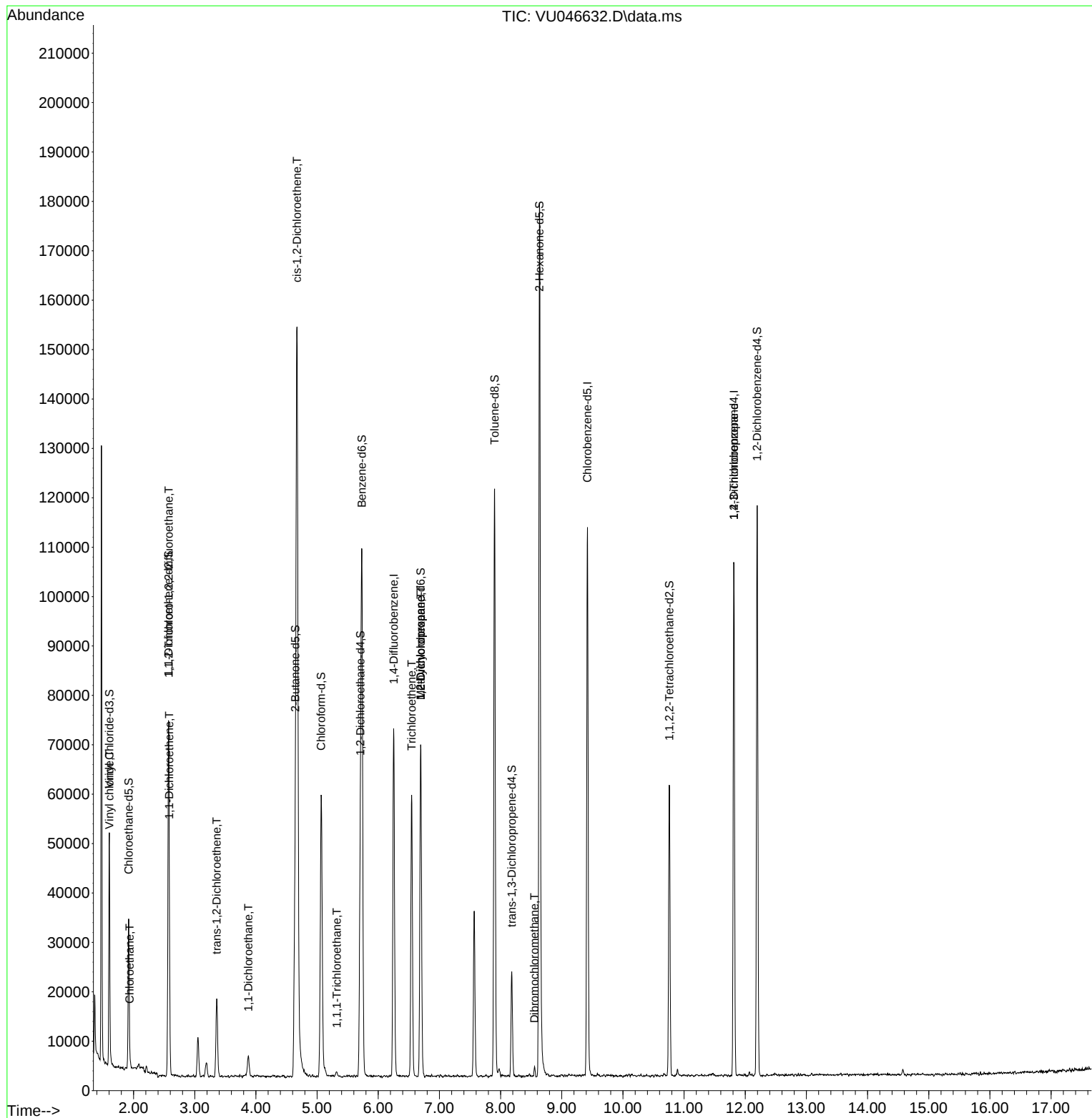
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	56875	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	62078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	27812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33414	7.459	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	149.200%#
7) Chloroethane-d5	1.919	69	22820	6.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.400%
11) 1,1-Dichloroethene-d2	2.572	65	13639	7.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	144.400%#
20) 2-Butanone-d5	4.645	46	78234	60.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.420%
24) Chloroform-d	5.067	84	53202	6.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	129.600%#
26) 1,2-Dichloroethane-d4	5.707	65	30510	6.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.000%
32) Benzene-d6	5.732	84	101287	5.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.000%
36) 1,2-Dichloropropane-d6	6.694	67	31759	6.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.200%
41) Toluene-d8	7.903	98	78663	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	8.182	79	13047	5.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.400%
46) 2-Hexanone-d5	8.636	63	64408	45.615	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28941	5.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	29747	5.807	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						
5) Vinyl chloride	1.607	62	639	0.087	ug/L #	12
8) Chloroethane	1.938	64	541	0.125	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	335	0.068	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	1953	0.390	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	6722	1.259	ug/L	98
19) 1,1-Dichloroethane	3.877	63	4794	0.488	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	69601	11.931	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	922	0.090	ug/L #	31
34) Trichloroethene	6.546	95	19413	2.986	ug/L	96
35) Methylcyclohexane	6.694	83	7944	0.867	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	3551	0.564	ug/L #	88
49) Dibromochloromethane	8.552	129	444	0.071	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	3211	0.695	ug/L #	64

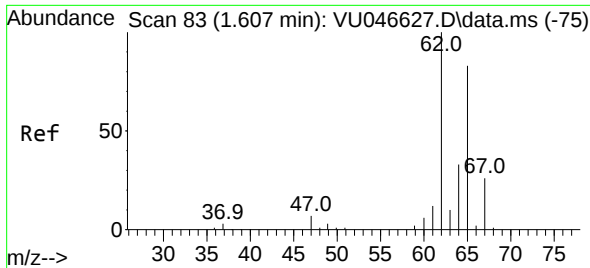
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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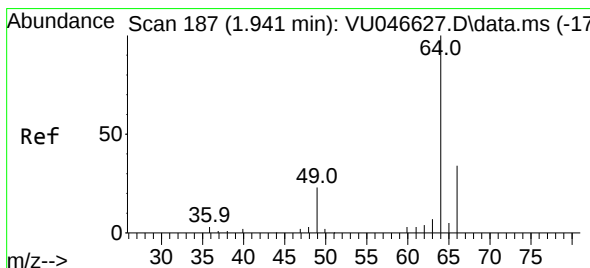
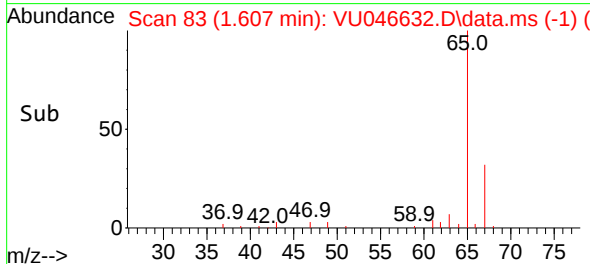
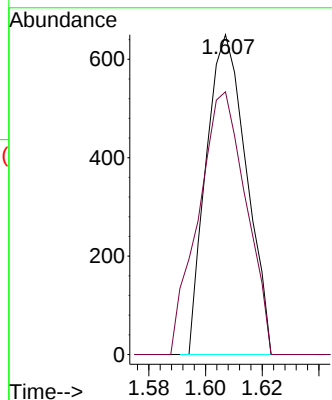
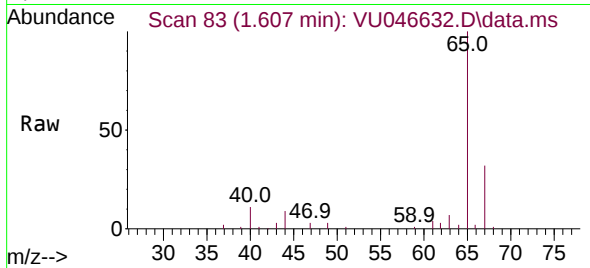




#5
 Vinyl chloride
 Concen: 0.087 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU046632.D
 Acq: 29 Dec 2021 17:24

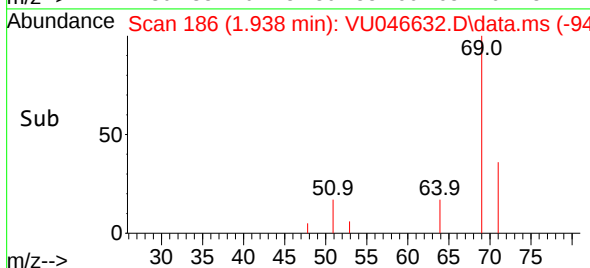
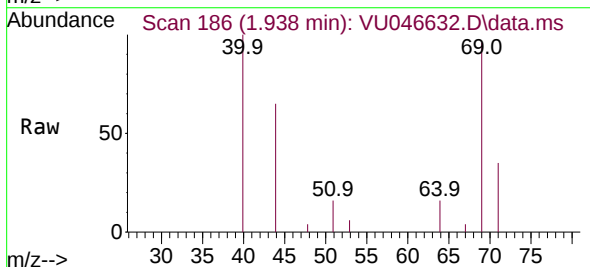
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J00DL

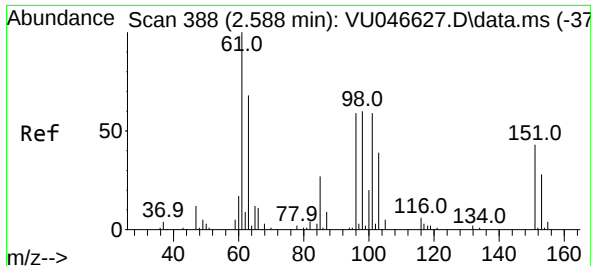
Tgt Ion: 62 Resp: 639
 Ion Ratio Lower Upper
 62 100
 64 82.2 22.9 42.5#



#8
 Chloroethane
 Concen: 0.125 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. -0.003 min
 Lab File: VU046632.D
 Acq: 29 Dec 2021 17:24

Tgt Ion: 64 Resp: 541
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.1 41.1#

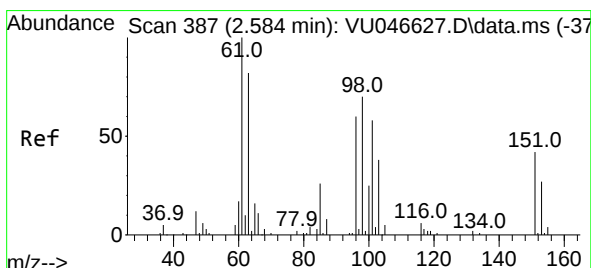
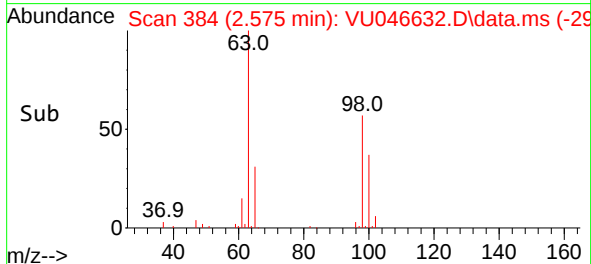
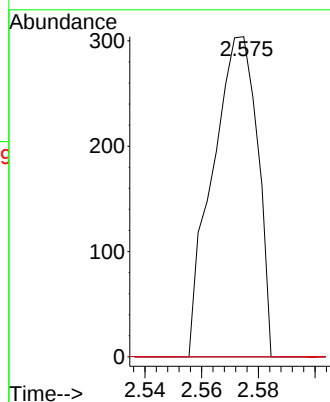
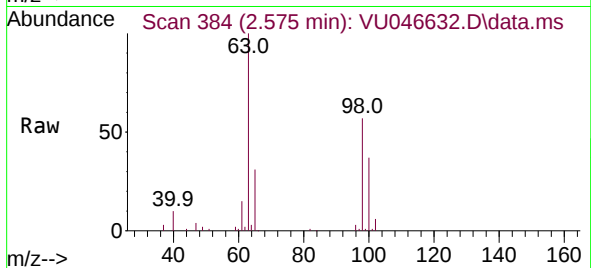




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046632.D
Acq: 29 Dec 2021 17:24

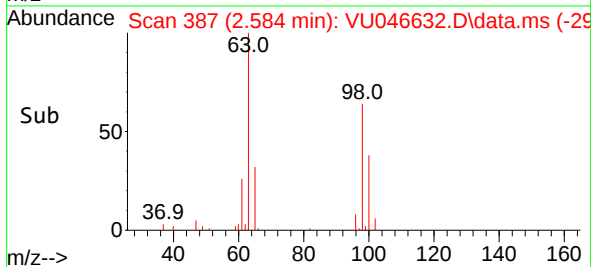
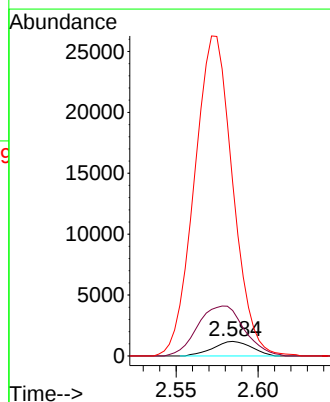
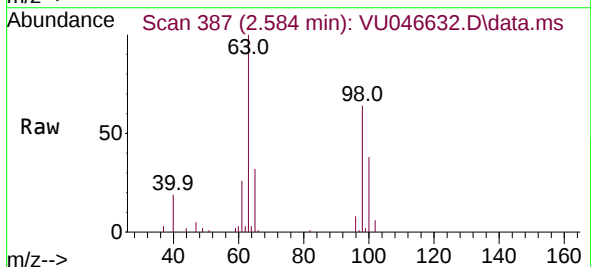
Instrument :
MSVOA_U
ClientSampleId :
C0J00DL

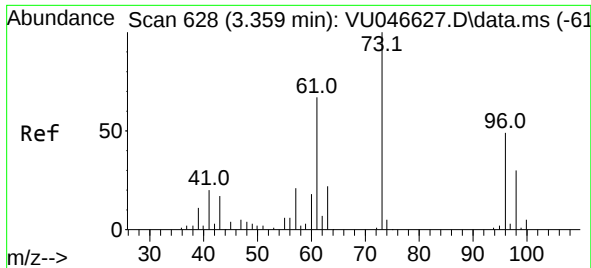
Tgt Ion:101 Resp: 335
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.390 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU046632.D
Acq: 29 Dec 2021 17:24

Tgt Ion: 96 Resp: 1953
Ion Ratio Lower Upper
96 100
61 312.1 124.7 231.5#
63 1190.2 105.2 195.4#

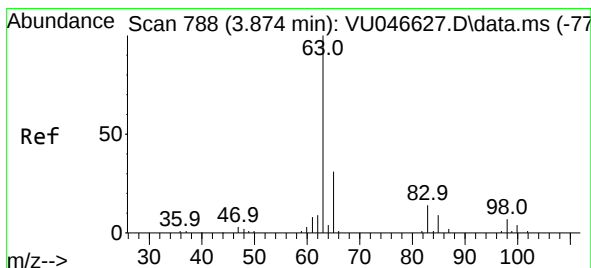
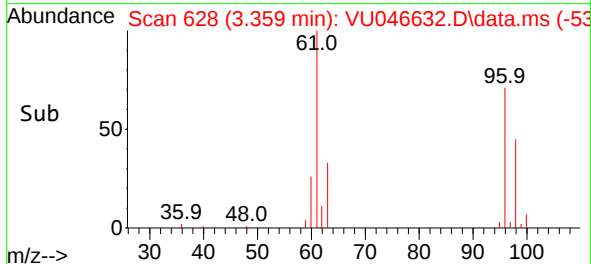
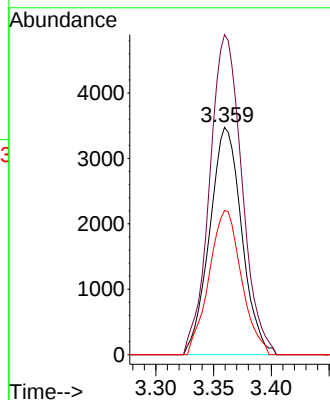
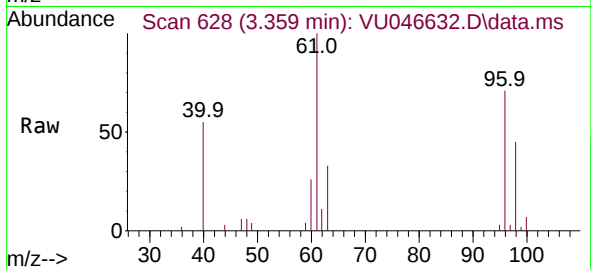




#18
trans-1,2-Dichloroethene
Concen: 1.259 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046632.D
Acq: 29 Dec 2021 17:24

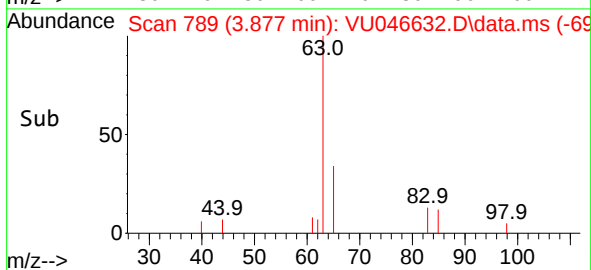
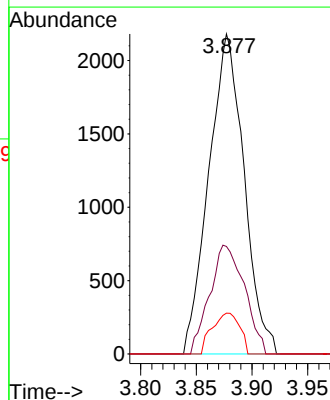
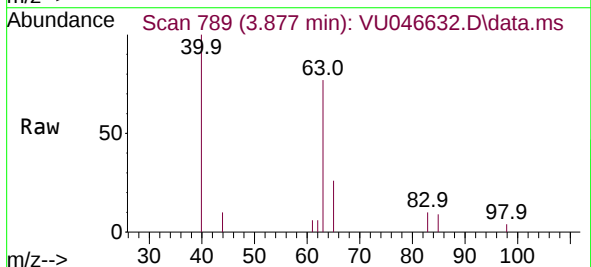
Instrument :
MSVOA_U
ClientSampleId :
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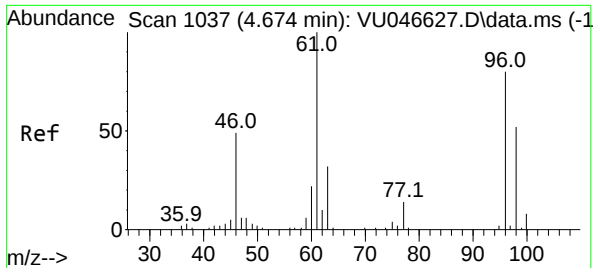
Tgt Ion: 96 Resp: 6722
Ion Ratio Lower Upper
96 100
61 140.7 100.8 187.2
98 63.4 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.488 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU046632.D
Acq: 29 Dec 2021 17:24

Tgt Ion: 63 Resp: 4794
Ion Ratio Lower Upper
63 100
65 33.6 22.3 41.5
83 12.7 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 11.931 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046632.D

Acq: 29 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

C0J00DL

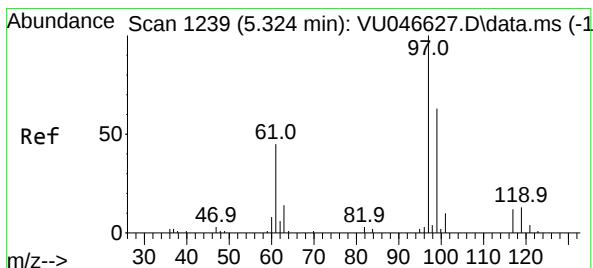
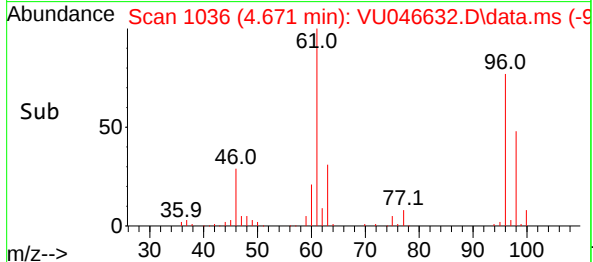
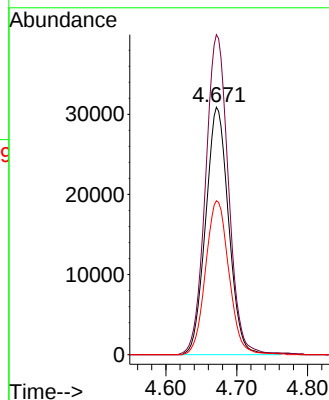
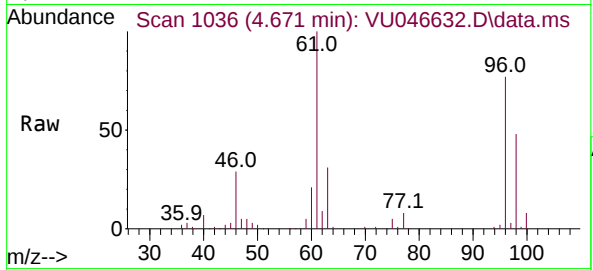
Tgt Ion: 96 Resp: 69601

Ion Ratio Lower Upper

96 100

61 129.3 88.5 164.3

98 62.2 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 0.090 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU046632.D

Acq: 29 Dec 2021 17:24

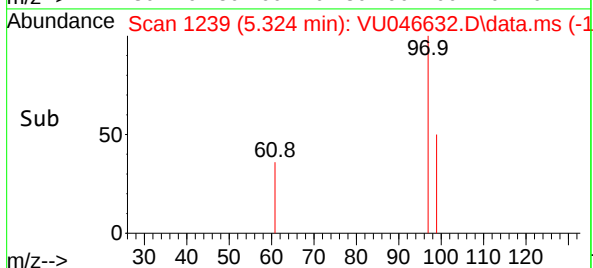
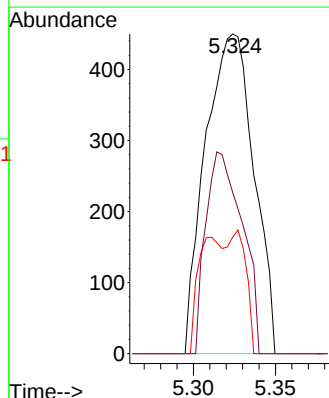
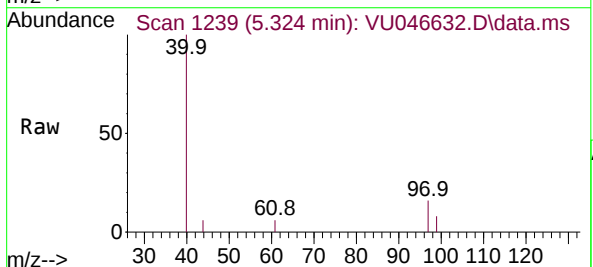
Tgt Ion: 97 Resp: 922

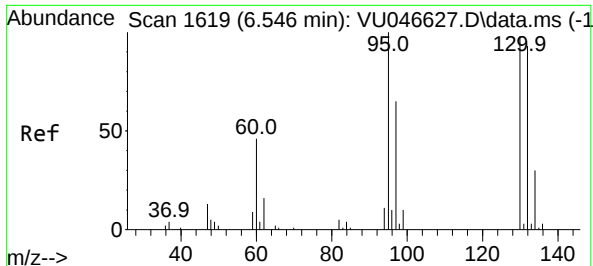
Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 12.3 36.1 54.1#

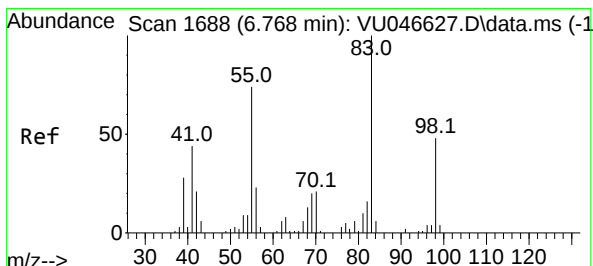
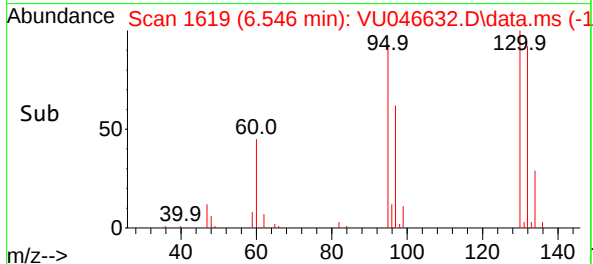
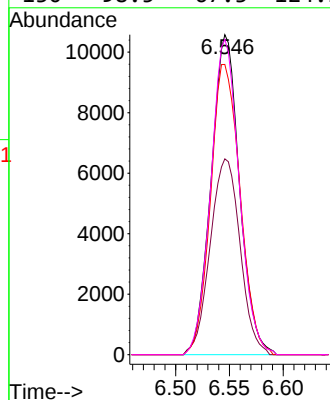
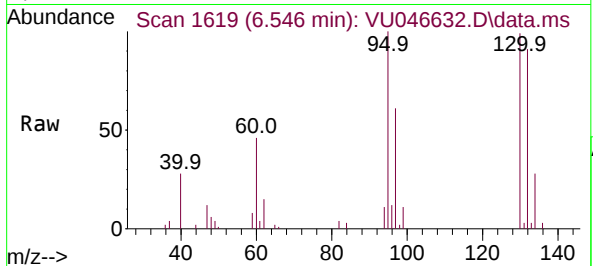




#34
Trichloroethene
Concen: 2.986 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046632.D
Acq: 29 Dec 2021 17:24

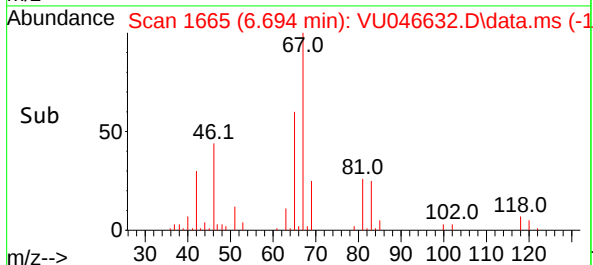
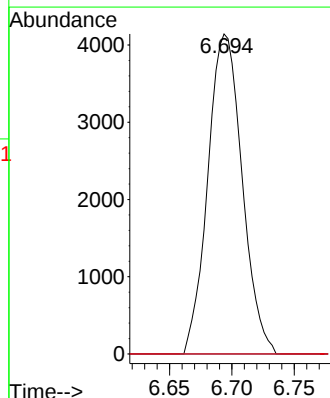
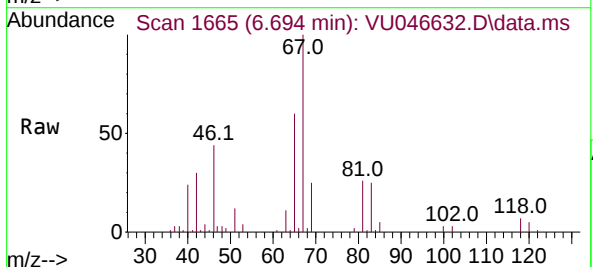
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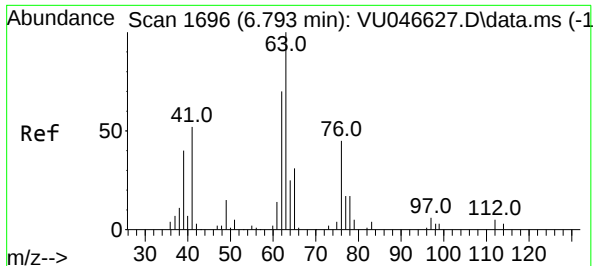
Tgt Ion: 95 Resp: 19413
Ion Ratio Lower Upper
95 100
97 61.2 46.5 86.5
132 90.7 65.1 120.9
130 98.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.867 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046632.D
Acq: 29 Dec 2021 17:24

Tgt Ion: 83 Resp: 7944
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.6 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.564 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046632.D

Acq: 29 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

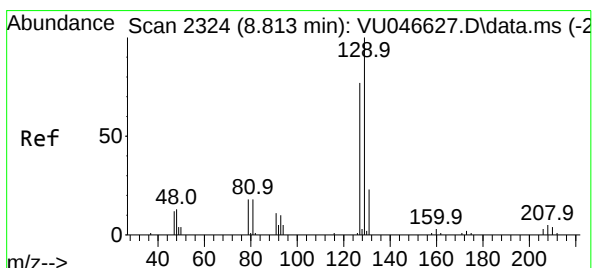
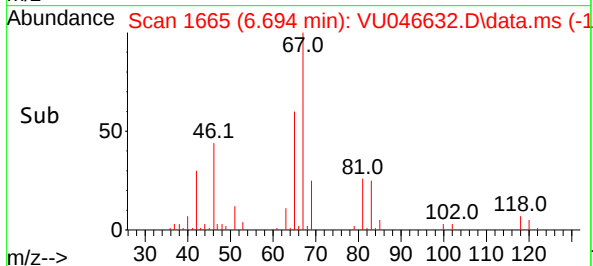
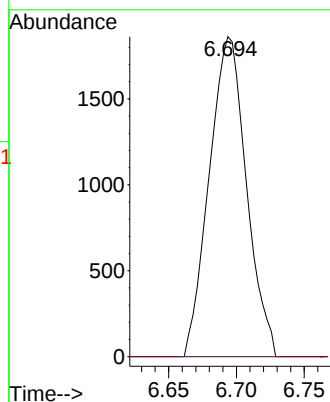
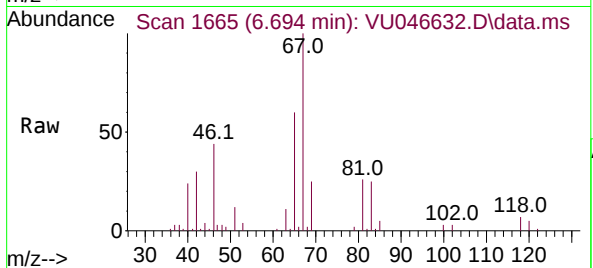
C0J00DL

Tgt Ion: 63 Resp: 3551

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#49

Dibromochloromethane

Concen: 0.071 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.260 min

Lab File: VU046632.D

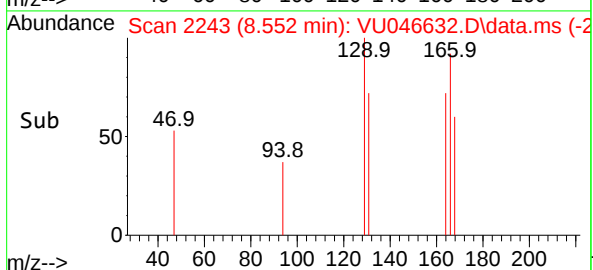
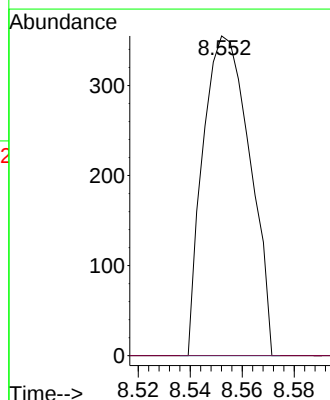
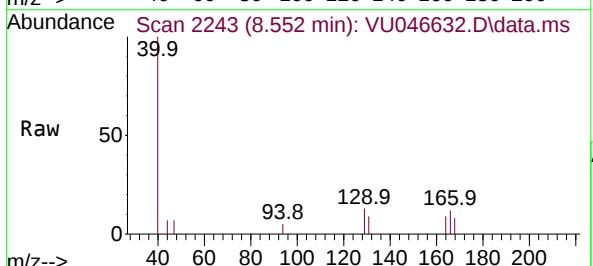
Acq: 29 Dec 2021 17:24

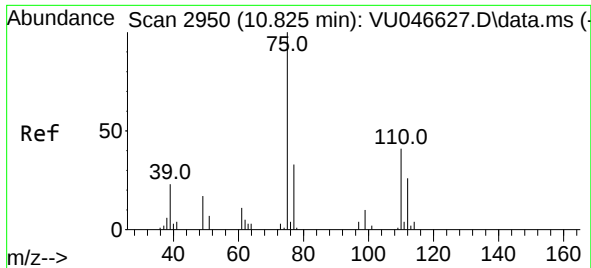
Tgt Ion: 129 Resp: 444

Ion Ratio Lower Upper

129 100

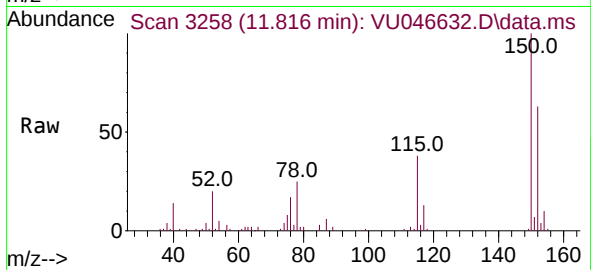
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.695 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046632.D
 Acq: 29 Dec 2021 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J00DL



Tgt Ion: 75 Resp: 3211
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 34.1 25.5 38.3

