

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046634.D
 Acq On : 29 Dec 2021 18:13
 Operator : SY/MD
 Sample : M5193-09DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J13DL

Quant Time: Dec 30 04:23:22 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)

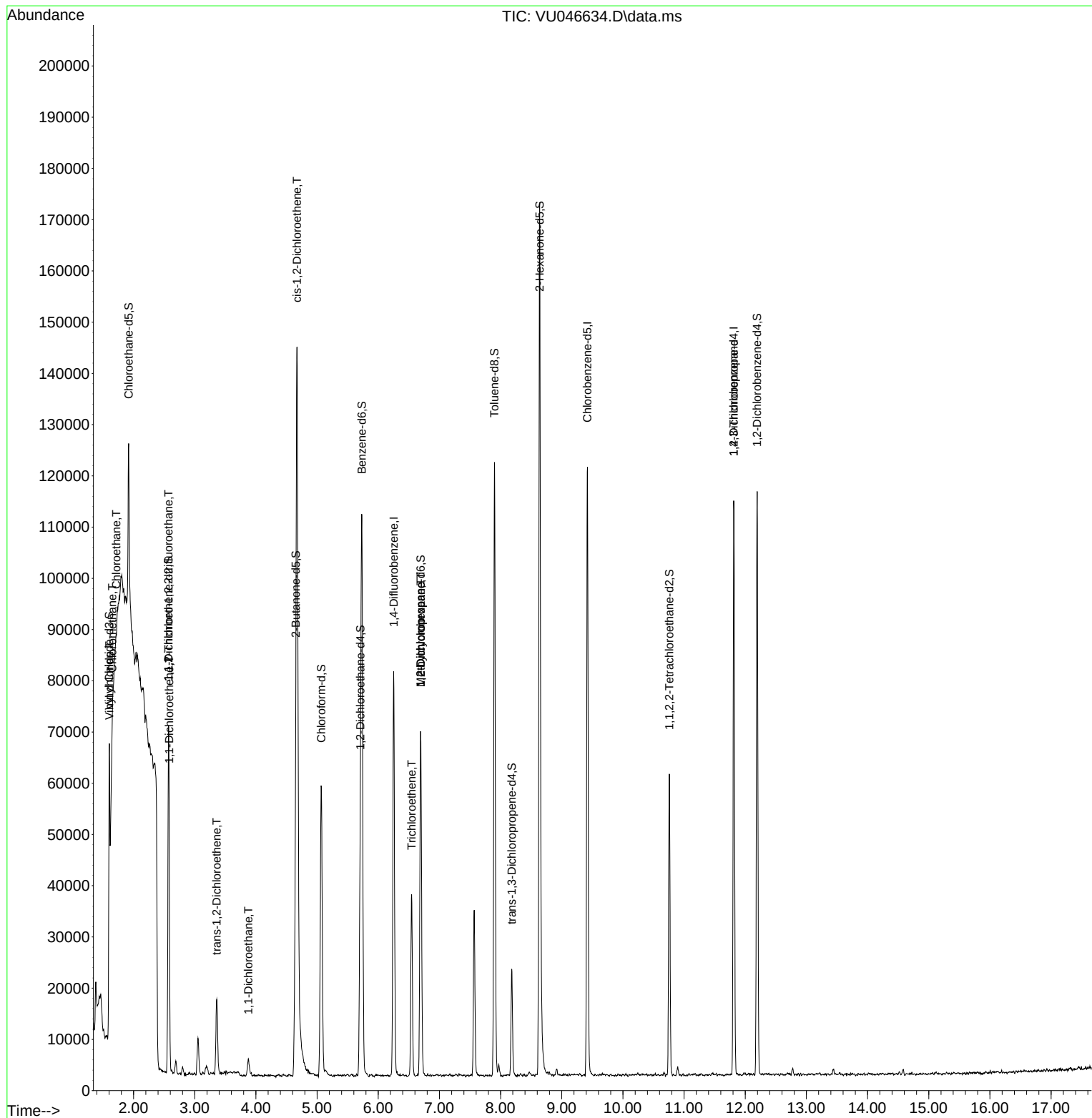
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	61951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	66546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34217	7.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	140.200%#
7) Chloroethane-d5	1.919	69	23569	6.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.600%
11) 1,1-Dichloroethene-d2	2.572	65	12923	6.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	125.600%#
20) 2-Butanone-d5	4.652	46	78260	55.290	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.580%
24) Chloroform-d	5.070	84	54516	6.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.000%
26) 1,2-Dichloroethane-d4	5.706	65	30156	5.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
32) Benzene-d6	5.732	84	102832	5.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
36) 1,2-Dichloropropane-d6	6.694	67	32115	5.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.200%
41) Toluene-d8	7.899	98	79984	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.182	79	13433	5.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.639	63	64054	42.318	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29289	5.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	30326	5.489	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.652	50	2496	0.306	ug/L #	42
5) Vinyl chloride	1.607	62	1120	0.139	ug/L #	1
8) Chloroethane	1.716	64	36987	7.839	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	276	0.052	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	824	0.151	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	6392	1.099	ug/L	90
19) 1,1-Dichloroethane	3.877	63	3805	0.355	ug/L #	96
22) cis-1,2-Dichloroethene	4.671	96	62960	9.908	ug/L	99
34) Trichloroethene	6.546	95	12511	1.795	ug/L	92
35) Methylcyclohexane	6.694	83	7898	0.804	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	3503	0.519	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	3601	0.723	ug/L #	63

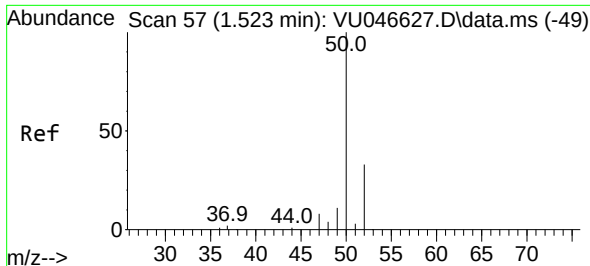
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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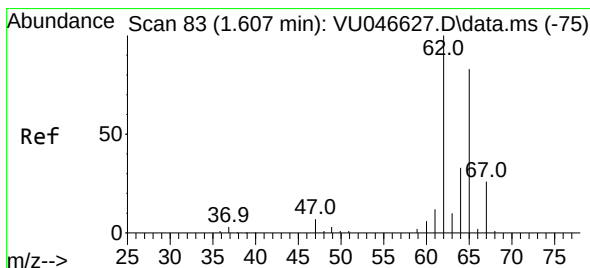
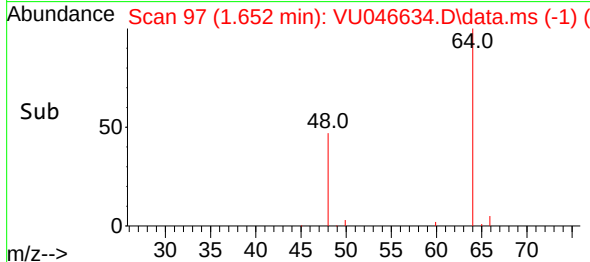
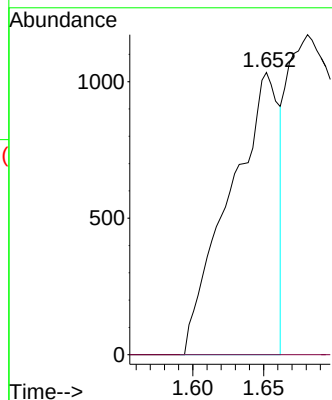
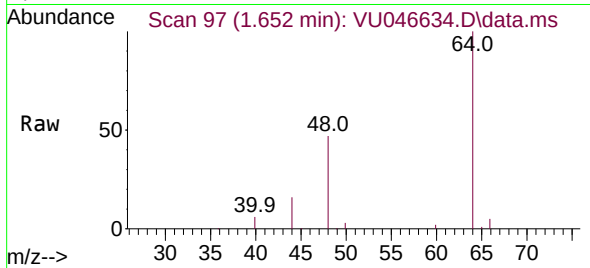




#3
Chloromethane
Concen: 0.306 ug/L
RT: 1.652 min Scan# 91
Delta R.T. 0.129 min
Lab File: VU046634.D
Acq: 29 Dec 2021 18:13

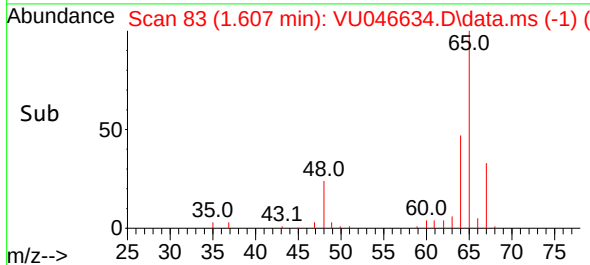
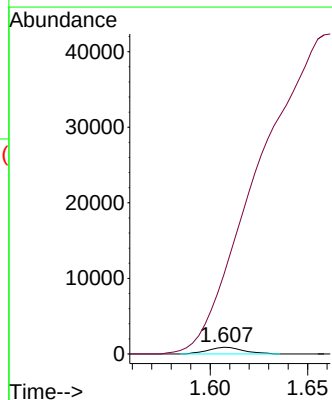
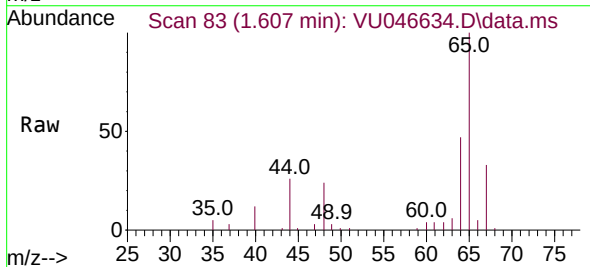
Instrument :
MSVOA_U
ClientSampleId :
C0J13DL

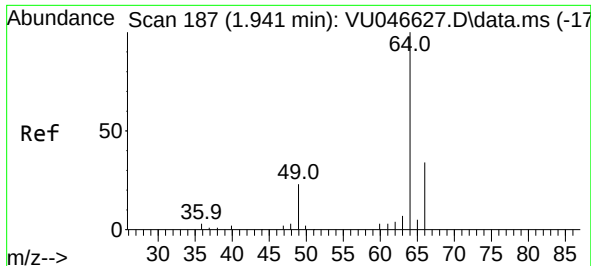
Tgt Ion: 50 Resp: 2496
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#5
Vinyl chloride
Concen: 0.139 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046634.D
Acq: 29 Dec 2021 18:13

Tgt Ion: 62 Resp: 1120
Ion Ratio Lower Upper
62 100
64 1175.3 22.9 42.5#

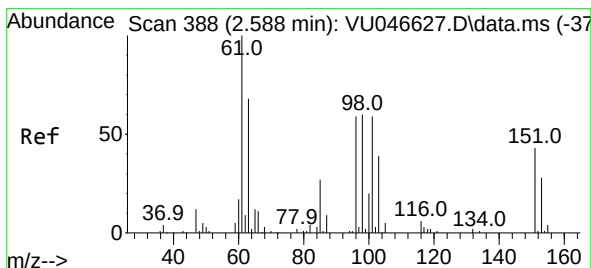
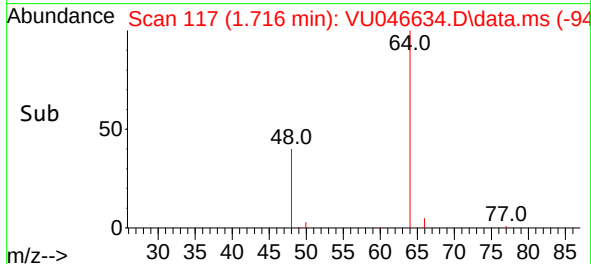
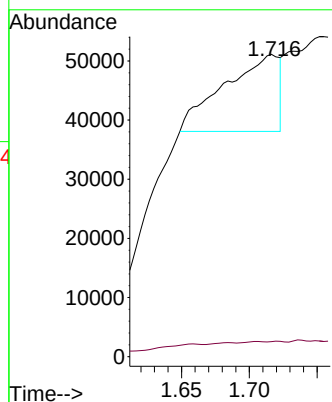
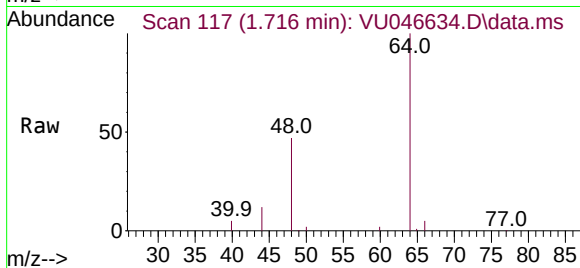




#8
Chloroethane
Concen: 7.839 ug/L
RT: 1.716 min Scan# 117
Delta R.T. -0.225 min
Lab File: VU046634.D
Acq: 29 Dec 2021 18:13

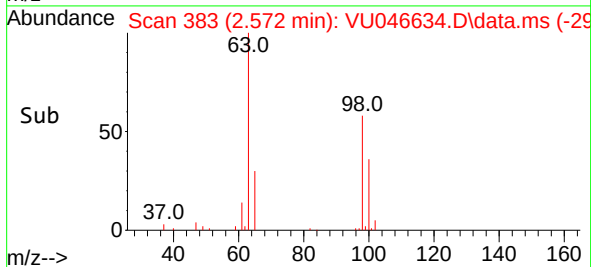
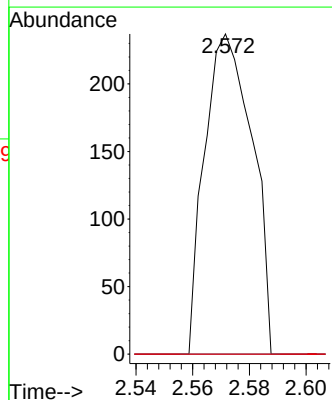
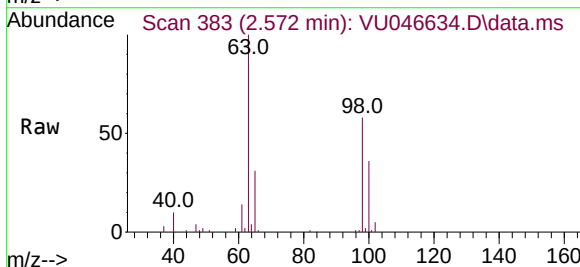
Instrument :
MSVOA_U
ClientSampleId :
C0J13DL

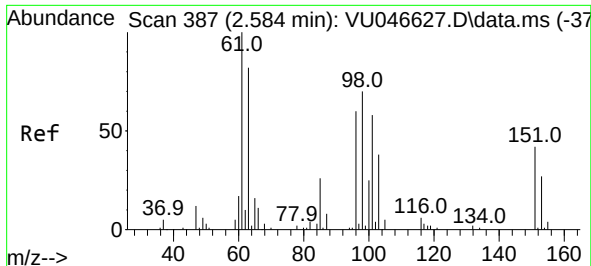
Tgt Ion: 64 Resp: 36987
Ion Ratio Lower Upper
64 100
66 5.0 22.1 41.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.052 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046634.D
Acq: 29 Dec 2021 18:13

Tgt Ion: 101 Resp: 276
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: 0.151 ug/L

RT: 2.581 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU046634.D

Acq: 29 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

C0J13DL

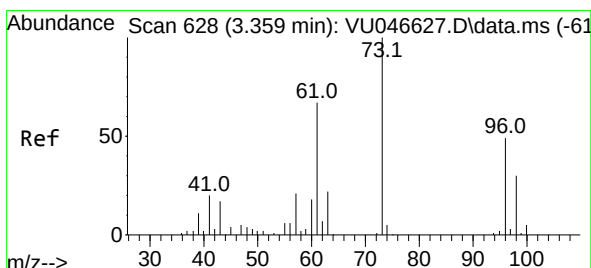
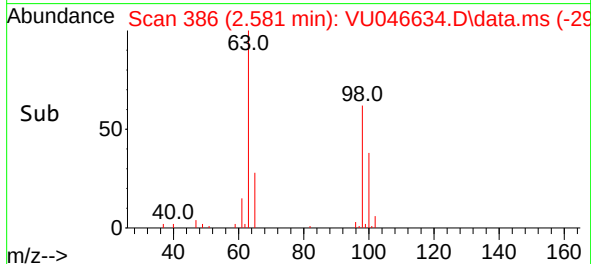
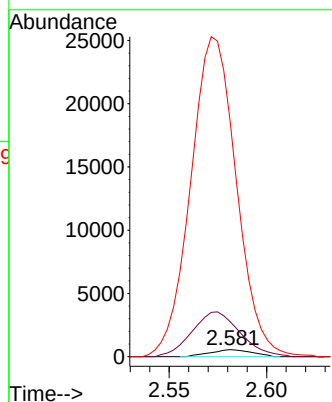
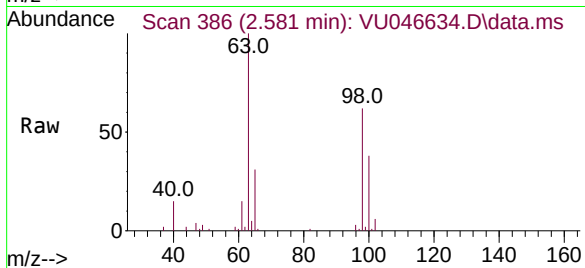
Tgt Ion: 96 Resp: 824

Ion Ratio Lower Upper

96 100

61 500.9 124.7 231.5#

63 3369.3 105.2 195.4#



#18

trans-1,2-Dichloroethene

Concen: 1.099 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU046634.D

Acq: 29 Dec 2021 18:13

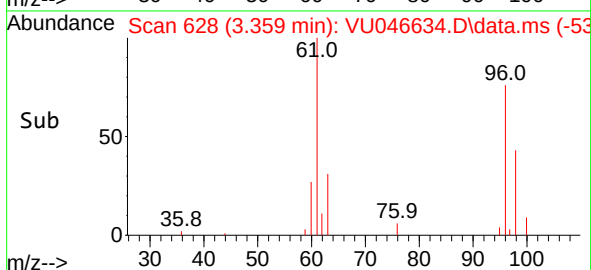
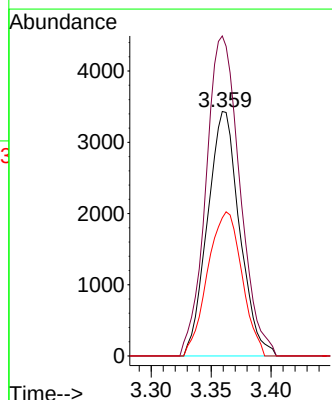
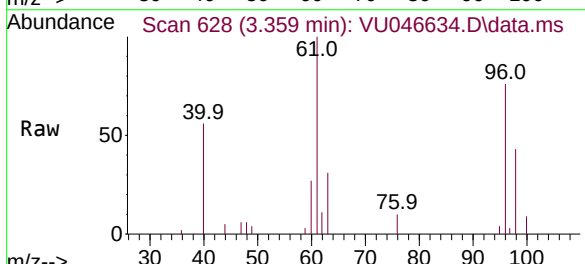
Tgt Ion: 96 Resp: 6392

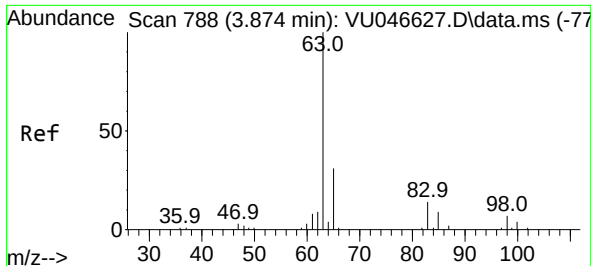
Ion Ratio Lower Upper

96 100

61 130.9 100.8 187.2

98 56.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.355 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU046634.D

Acq: 29 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

C0J13DL

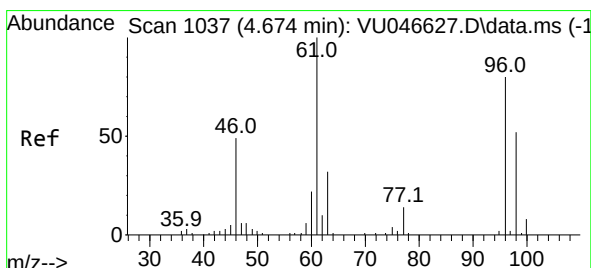
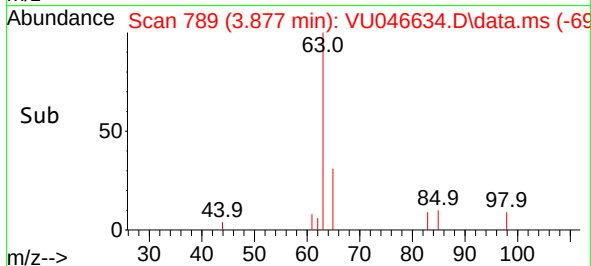
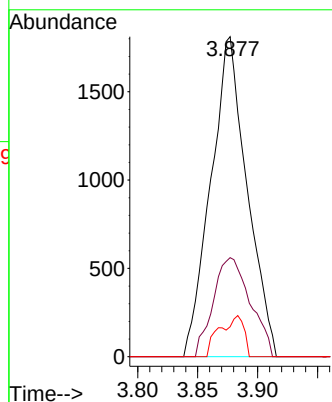
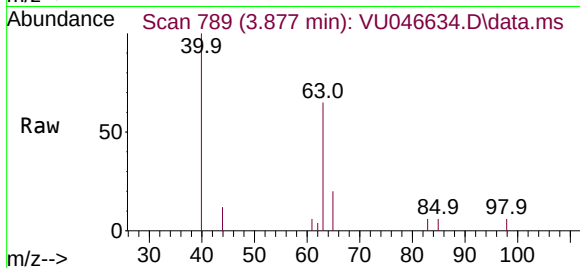
Tgt Ion: 63 Resp: 3805

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 9.4 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 9.908 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046634.D

Acq: 29 Dec 2021 18:13

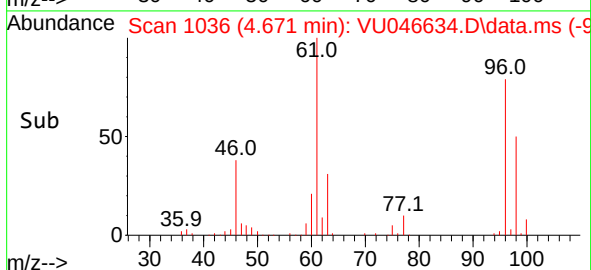
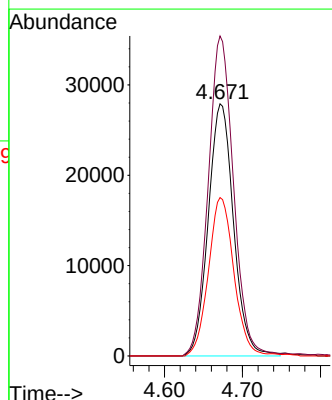
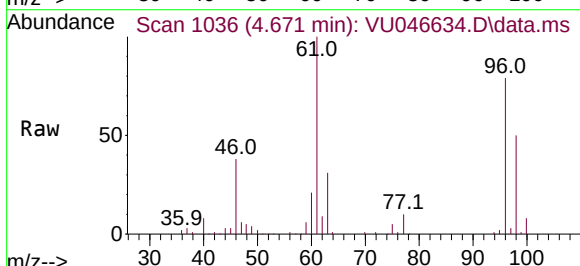
Tgt Ion: 96 Resp: 62960

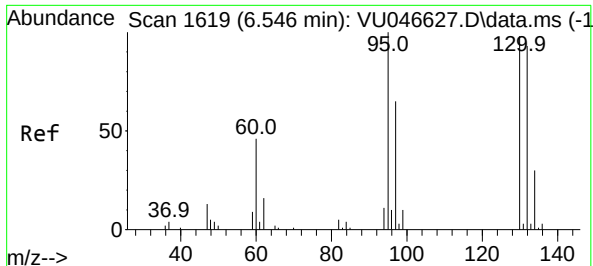
Ion Ratio Lower Upper

96 100

61 126.9 88.5 164.3

98 62.8 44.4 82.5



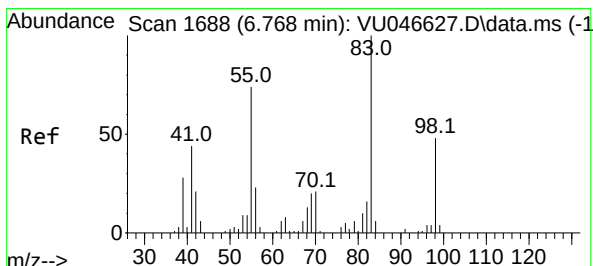
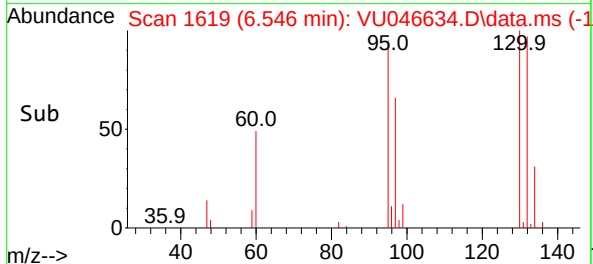
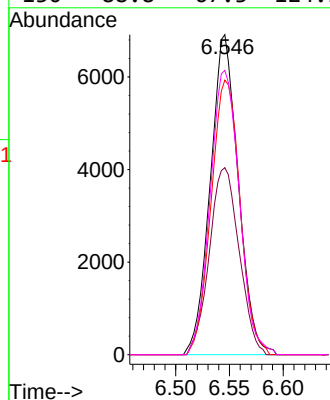
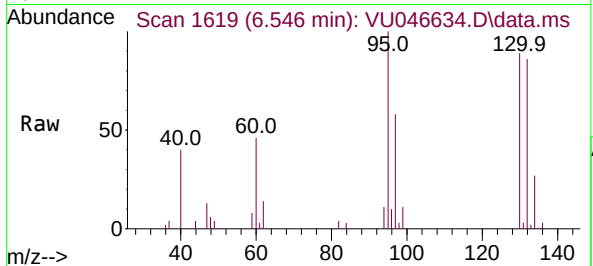


#34
Trichloroethene
Concen: 1.795 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046634.D
Acq: 29 Dec 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
C0J13DL

Tgt Ion: 95 Resp: 12511

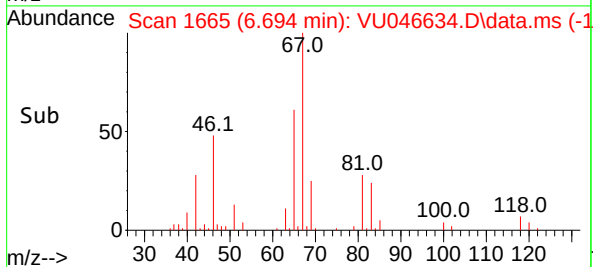
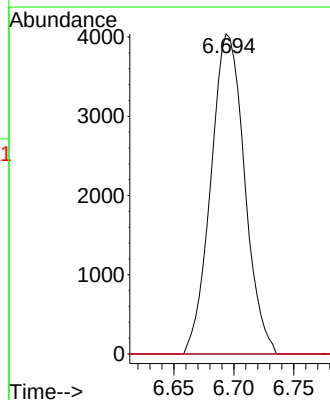
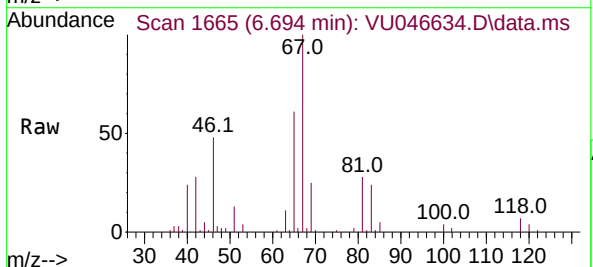
Ion	Ratio	Lower	Upper
95	100		
97	58.4	46.5	86.5
132	85.8	65.1	120.9
130	88.8	67.3	124.9

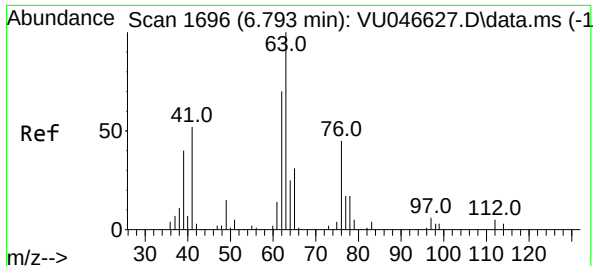


#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046634.D
Acq: 29 Dec 2021 18:13

Tgt Ion: 83 Resp: 7898

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	3.3	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046634.D

Acq: 29 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

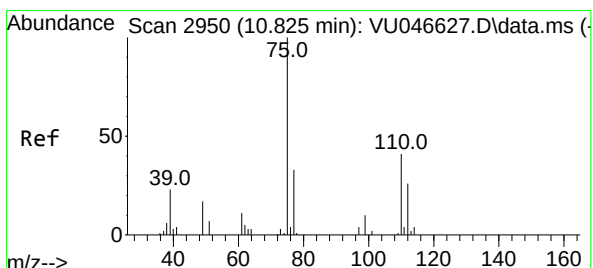
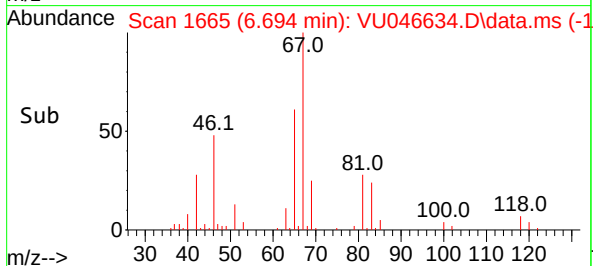
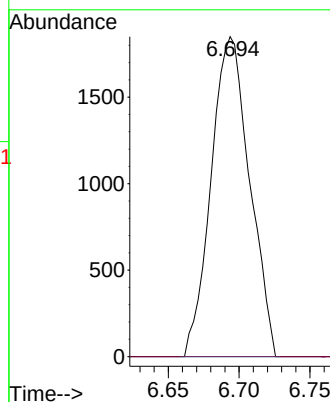
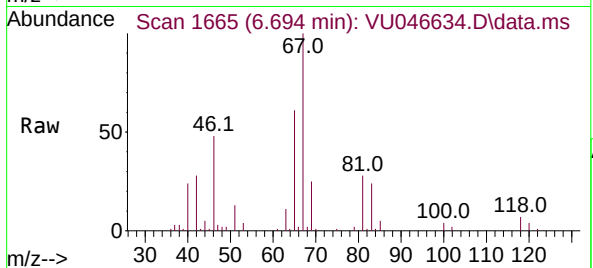
C0J13DL

Tgt Ion: 63 Resp: 3503

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 0.723 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046634.D

Acq: 29 Dec 2021 18:13

Tgt Ion: 75 Resp: 3601

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 35.5 25.5 38.3

