

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046962.D
 Acq On : 01 Feb 2022 14:22
 Operator : SY/MD
 Sample : N1328-11 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHN0

Quant Time: Feb 02 02:04:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

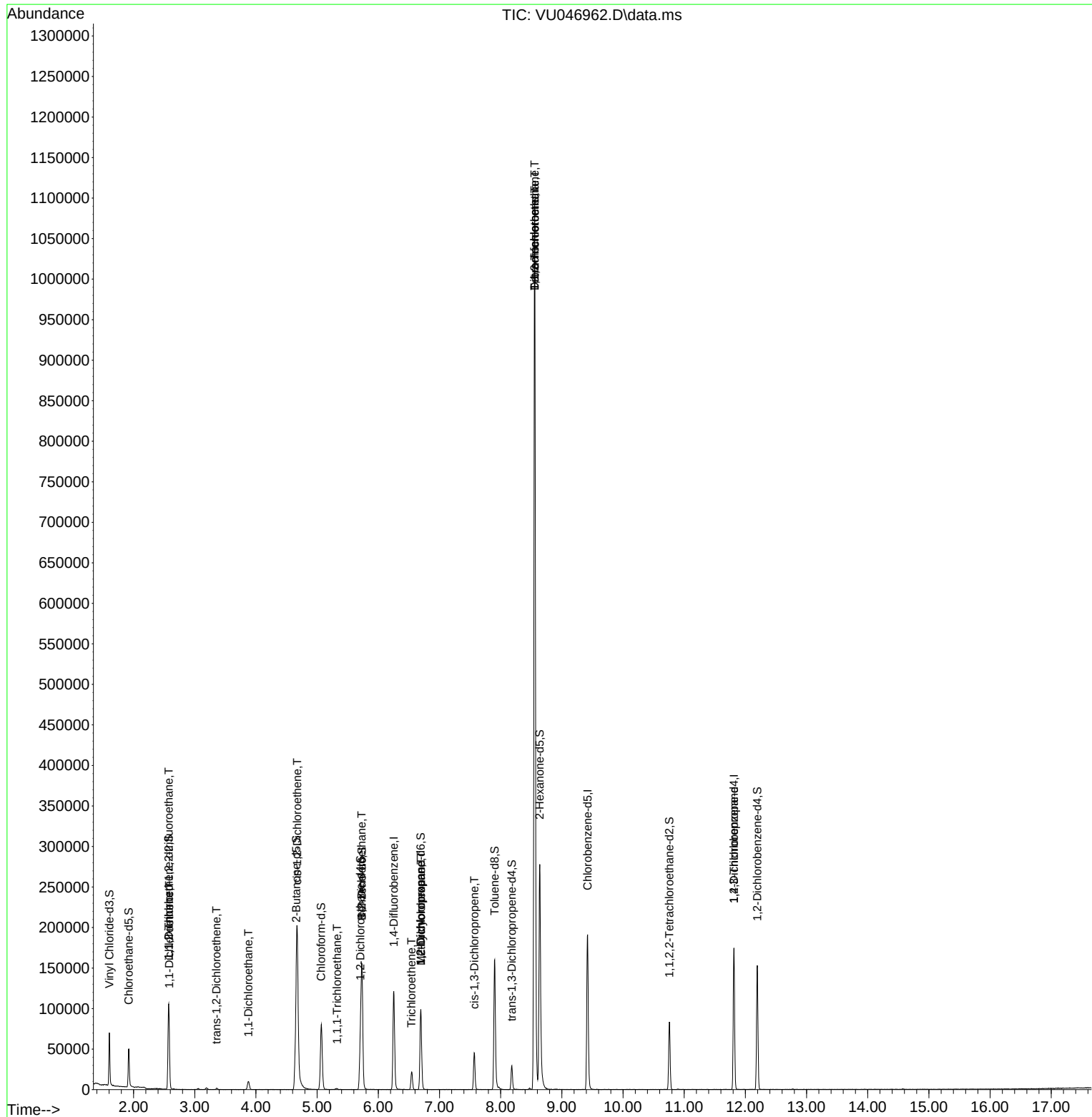
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	99808	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	112804	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48125	5.690	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.800%
7) Chloroethane-d5	1.919	69	38034	5.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.200%
11) 1,1-Dichloroethene-d2	2.575	65	19161	5.696	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.000%
20) 2-Butanone-d5	4.658	46	126679	50.561	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.120%
24) Chloroform-d	5.067	84	76387	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.706	65	42202	5.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.732	84	151436	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.694	67	48016	4.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.903	98	116818	3.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.182	79	16801	3.843	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.639	63	106156	41.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43224	4.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	40572	4.543	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	452	0.078	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	3760	0.675	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	799	0.132	ug/L	78
19) 1,1-Dichloroethane	3.877	63	12172	1.201	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	88277	13.864	ug/L	98
27) 1,2-Dichloroethane	5.729	62	669	0.094	ug/L #	73
29) 1,1,1-Trichloroethane	5.324	97	1259	0.124	ug/L	93
34) Trichloroethene	6.542	95	8128	1.179	ug/L	96
35) Methylcyclohexane	6.697	83	11508	0.996	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	5183	0.796	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	945	0.093	ug/L #	43
45) 1,1,2-Trichloroethane	8.555	97	2269	0.409	ug/L #	1
47) Tetrachloroethene	8.555	164	248948	44.390	ug/L	95
49) Dibromochloromethane	8.555	129	243808	37.288	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6045	1.498	ug/L #	64

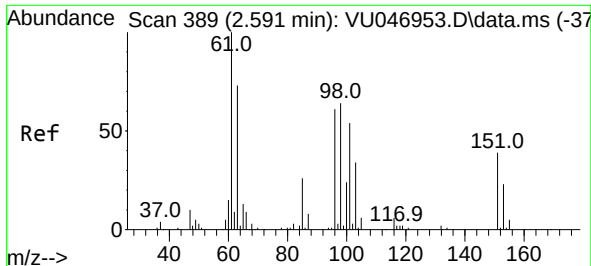
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 02 02:02:08 2022
Response via : Initial Calibration

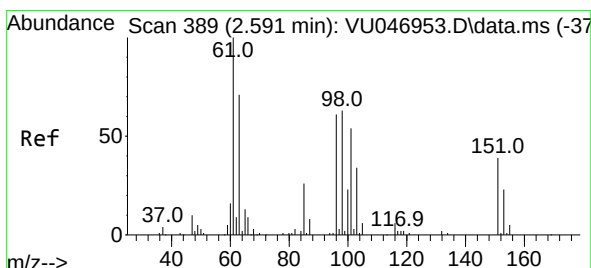
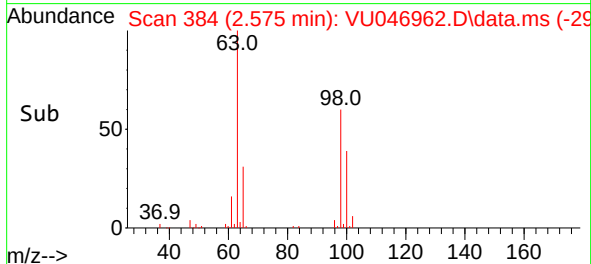
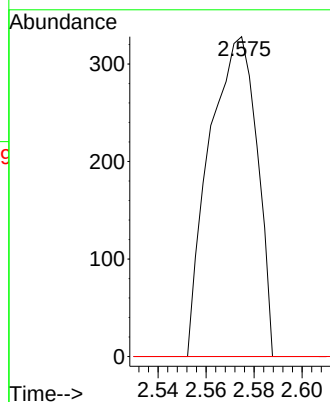
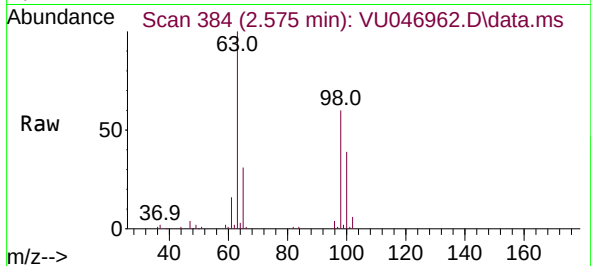




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.078 ug/L
RT: 2.575 min Scan# 311
Delta R.T. -0.016 min
Lab File: VU046962.D
Acq: 01 Feb 2022 14:22

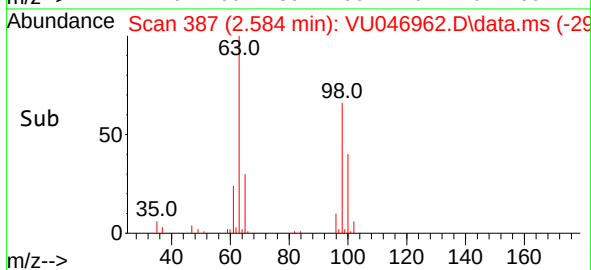
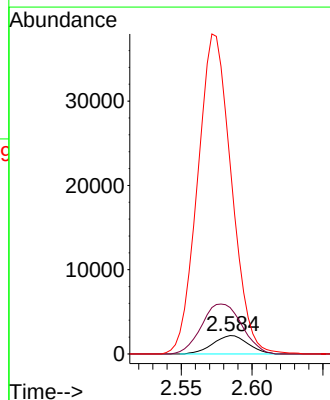
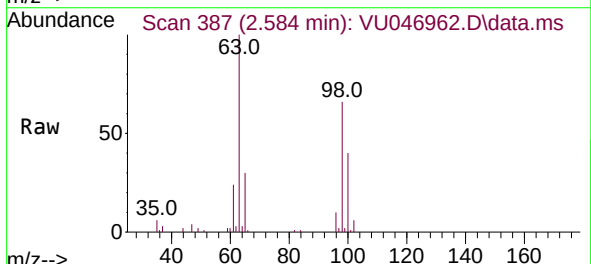
Instrument :
MSVOA_U
ClientSampleId :
COHN0

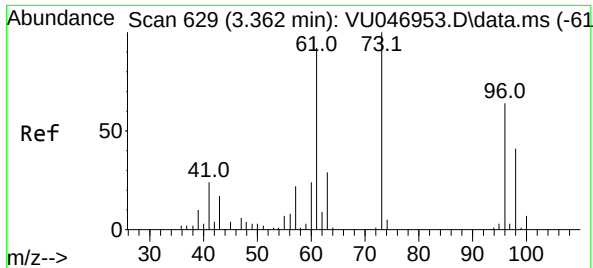
Tgt Ion:101 Resp: 452
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.675 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.006 min
Lab File: VU046962.D
Acq: 01 Feb 2022 14:22

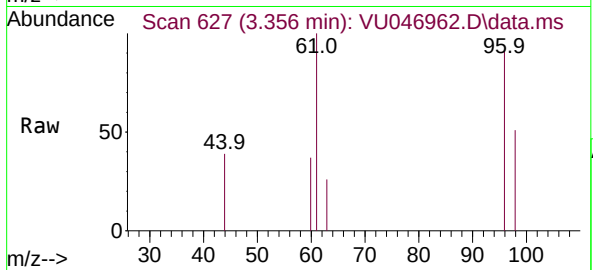
Tgt Ion: 96 Resp: 3760
Ion Ratio Lower Upper
96 100
61 252.4 124.7 231.5#
63 1036.2 105.2 195.4#



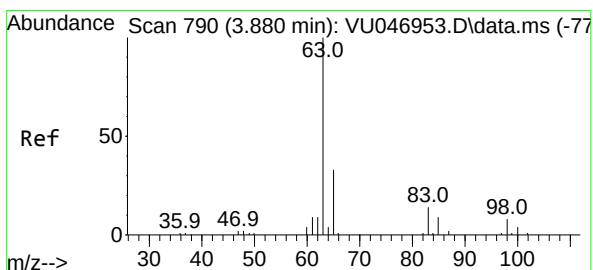
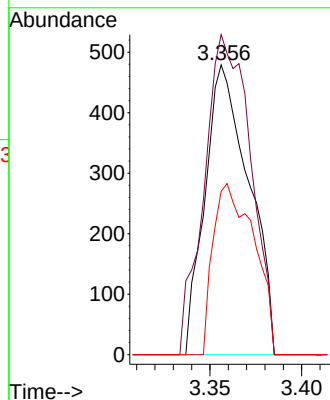
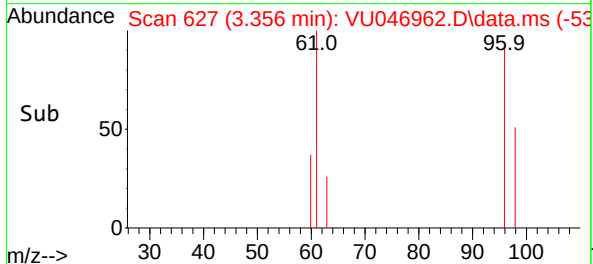


#18
trans-1,2-Dichloroethene
Concen: 0.132 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU046962.D
Acq: 01 Feb 2022 14:22

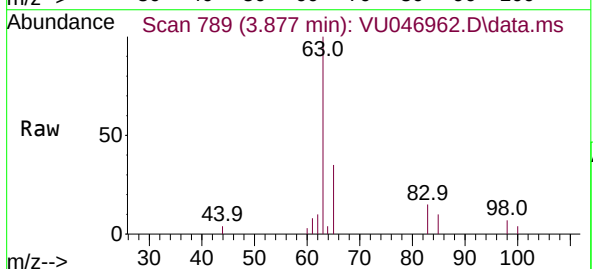
Instrument :
MSVOA_U
ClientSampleId :
COHNO



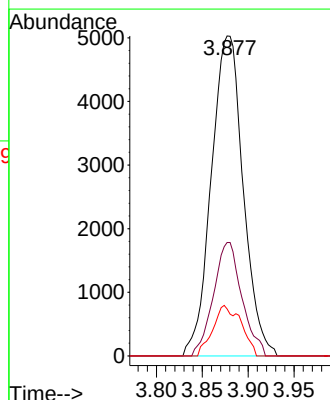
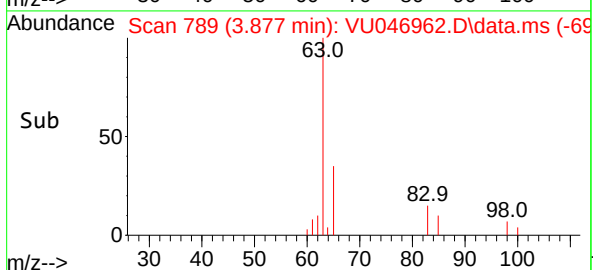
Tgt Ion: 96	Resp: 799		
Ion Ratio	Lower	Upper	
96	100		
61	110.4	100.8	187.2
98	56.4	45.1	83.7

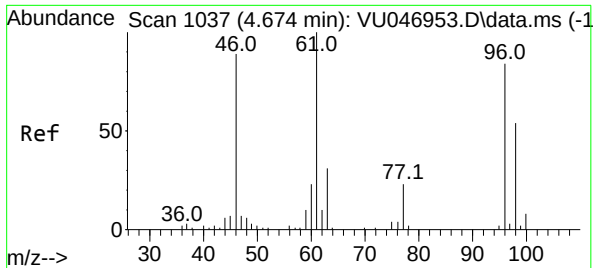


#19
1,1-Dichloroethane
Concen: 1.201 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046962.D
Acq: 01 Feb 2022 14:22



Tgt Ion: 63	Resp: 12172
Ion Ratio	Lower Upper
63 100	
65 35.4	22.3 41.5
83 14.7	9.6 17.8

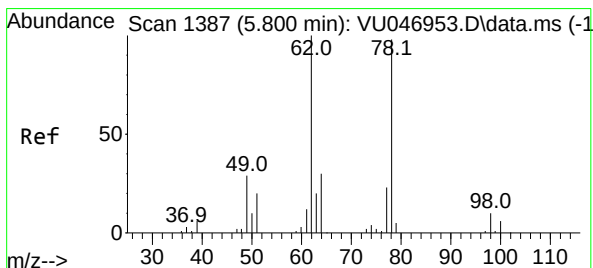
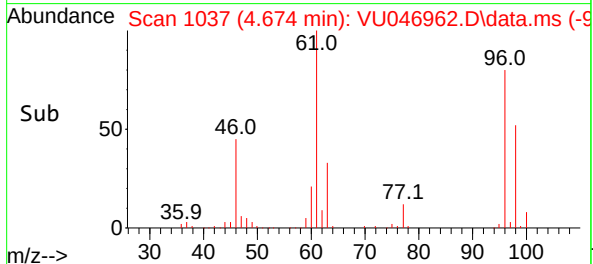
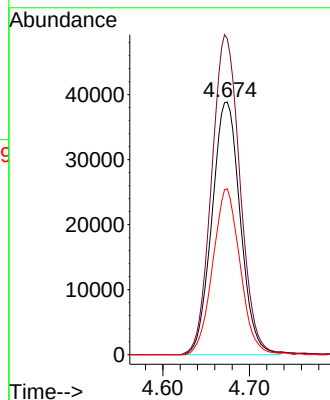
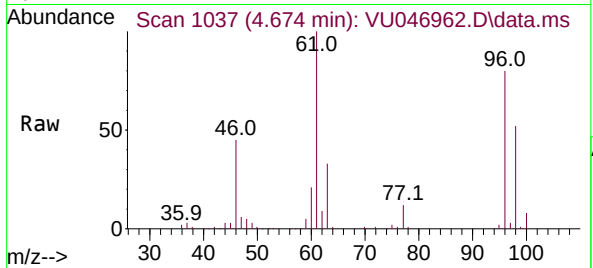




#22
 cis-1,2-Dichloroethene
 Concen: 13.864 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU046962.D
 Acq: 01 Feb 2022 14:22

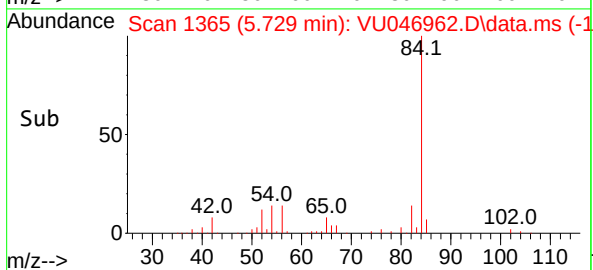
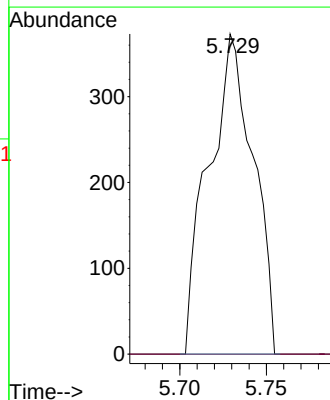
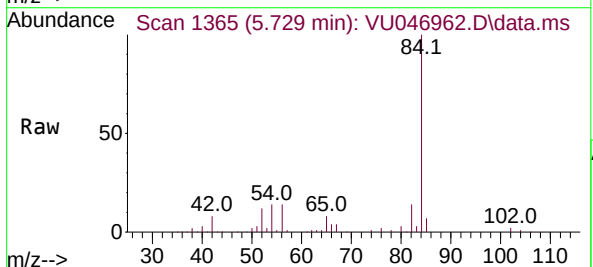
Instrument :
 MSVOA_U
 ClientSampleId :
 COHN0

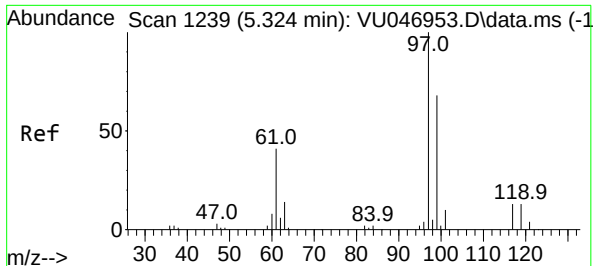
Tgt Ion: 96 Resp: 88277
 Ion Ratio Lower Upper
 96 100
 61 125.2 88.5 164.3
 98 65.7 44.4 82.5



#27
 1,2-Dichloroethane
 Concen: 0.094 ug/L
 RT: 5.729 min Scan# 1365
 Delta R.T. -0.071 min
 Lab File: VU046962.D
 Acq: 01 Feb 2022 14:22

Tgt Ion: 62 Resp: 669
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.124 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046962.D

Acq: 01 Feb 2022 14:22

Instrument :

MSVOA_U

ClientSampleId :

COHN0

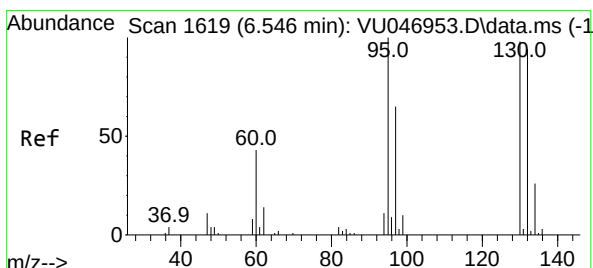
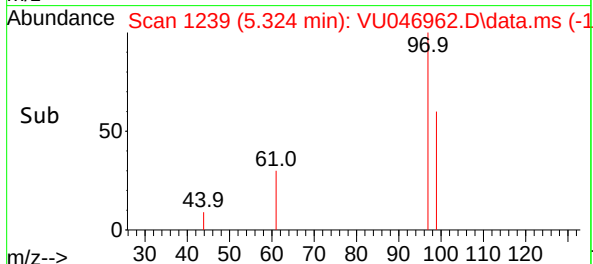
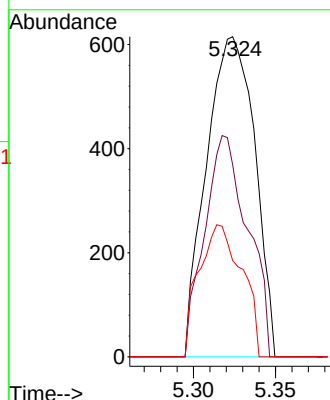
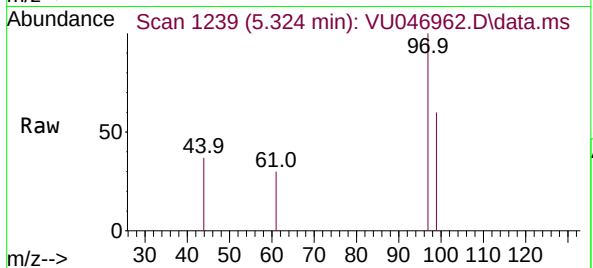
Tgt Ion: 97 Resp: 1259

Ion Ratio Lower Upper

97 100

99 61.7 51.3 76.9

61 36.8 36.1 54.1



#34

Trichloroethene

Concen: 1.179 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU046962.D

Acq: 01 Feb 2022 14:22

Tgt Ion: 95 Resp: 8128

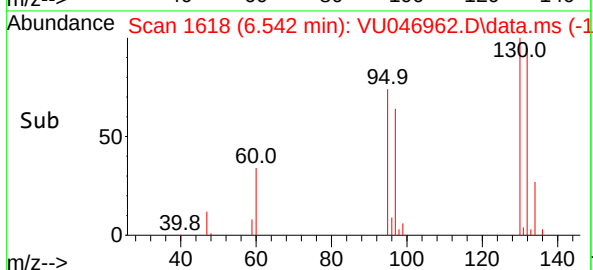
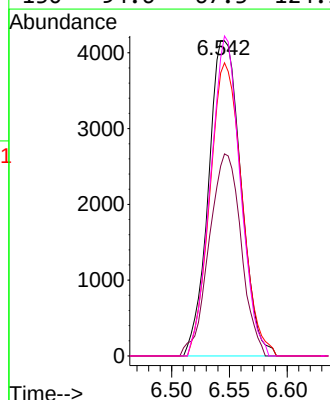
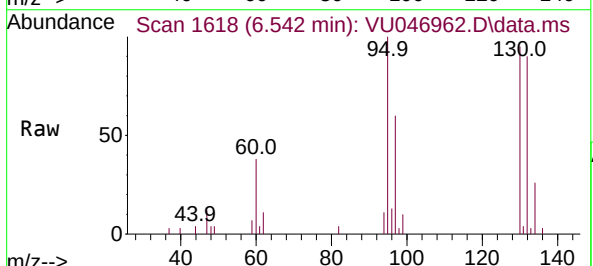
Ion Ratio Lower Upper

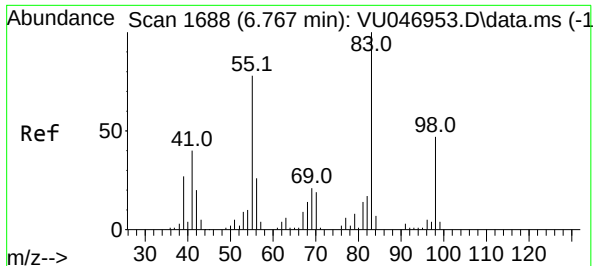
95 100

97 60.3 46.5 86.5

132 89.8 65.1 120.9

130 94.6 67.3 124.9

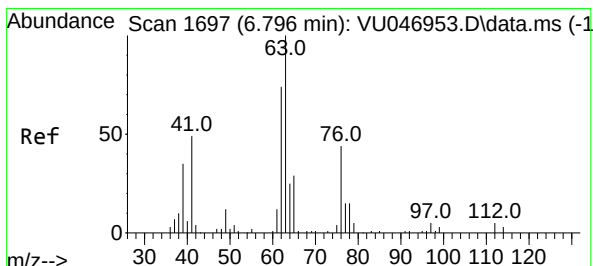
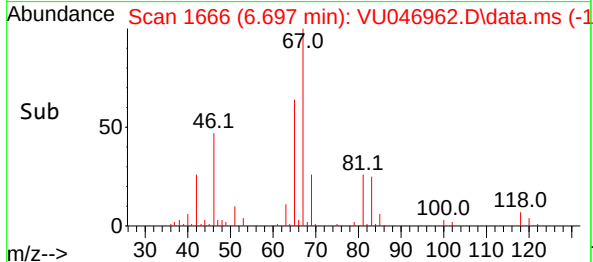
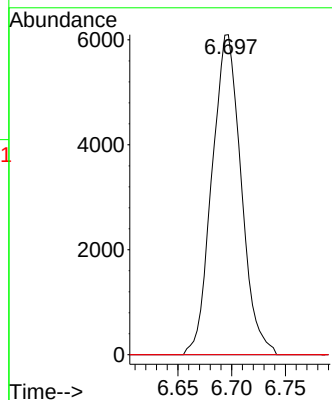
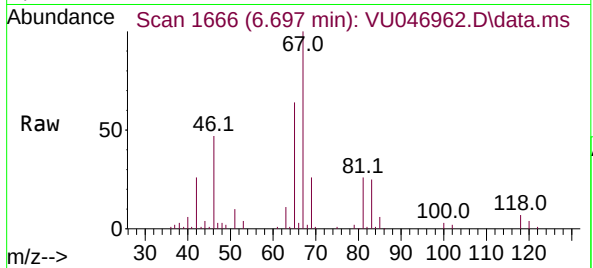




#35
Methylcyclohexane
Concen: 0.996 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU046962.D
Acq: 01 Feb 2022 14:22

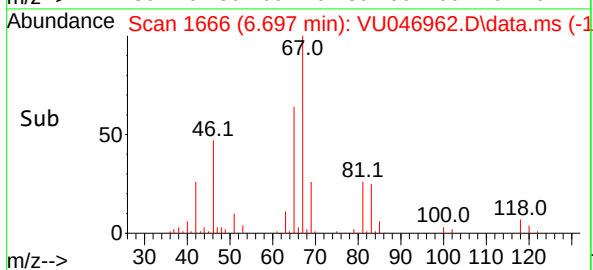
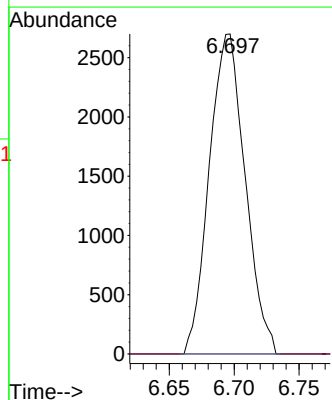
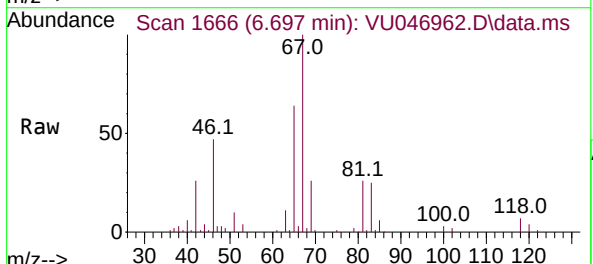
Instrument :
MSVOA_U
ClientSampleId :
COHN0

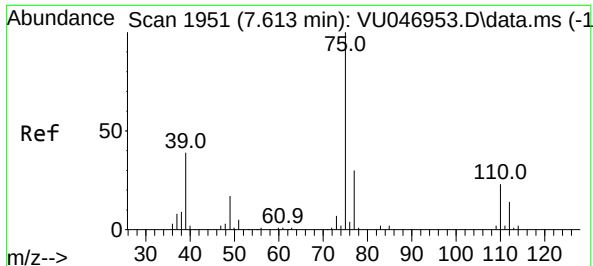
Tgt Ion: 83 Resp: 11508
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.9 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.796 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU046962.D
Acq: 01 Feb 2022 14:22

Tgt Ion: 63 Resp: 5183
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.571 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU046962.D

Acq: 01 Feb 2022 14:22

Instrument :

MSVOA_U

ClientSampleId :

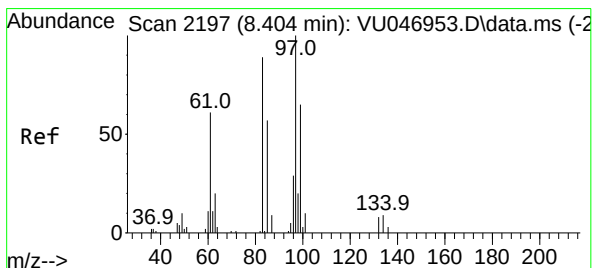
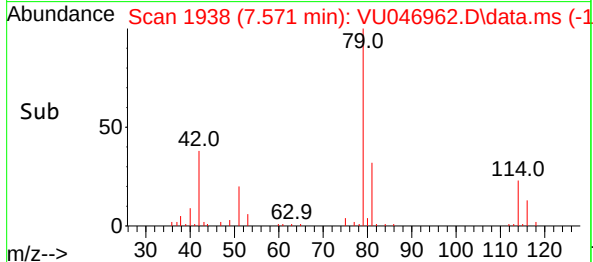
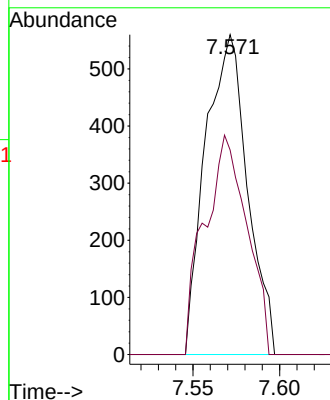
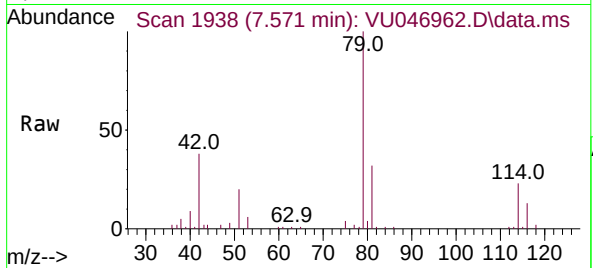
COHN0

Tgt Ion: 75 Resp: 945

Ion Ratio Lower Upper

75 100

77 63.9 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.409 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.151 min

Lab File: VU046962.D

Acq: 01 Feb 2022 14:22

Tgt Ion: 97 Resp: 2269

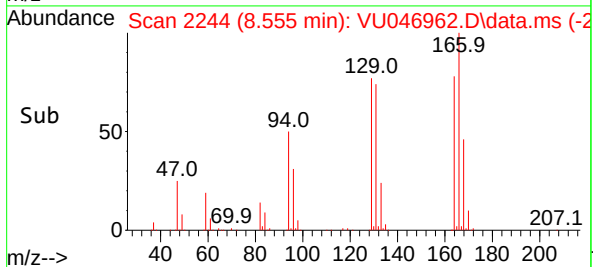
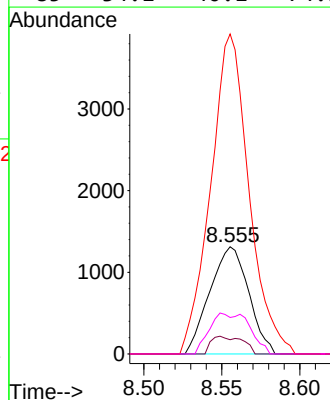
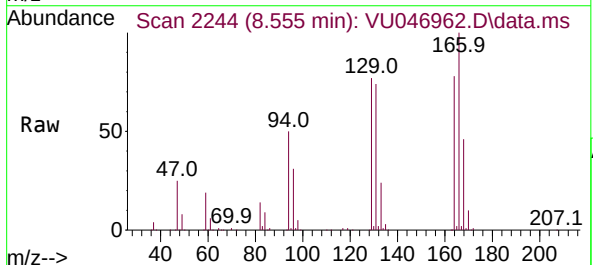
Ion Ratio Lower Upper

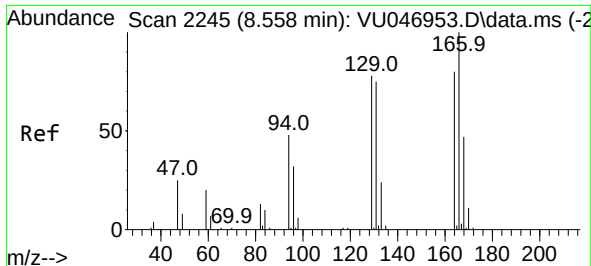
97 100

99 13.3 42.3 78.5#

83 298.7 62.0 115.2#

85 34.1 40.1 74.5#





#47

Tetrachloroethene

Concen: 44.390 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU046962.D

Acq: 01 Feb 2022 14:22

Instrument :

MSVOA_U

ClientSampleId :

COHN0

Tgt Ion:164 Resp: 248948

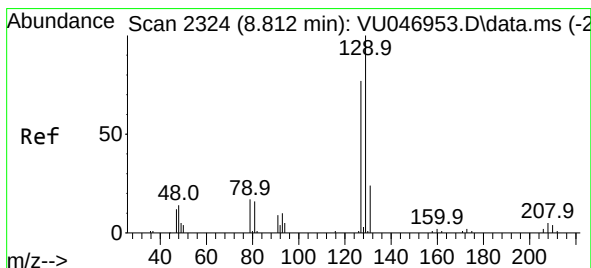
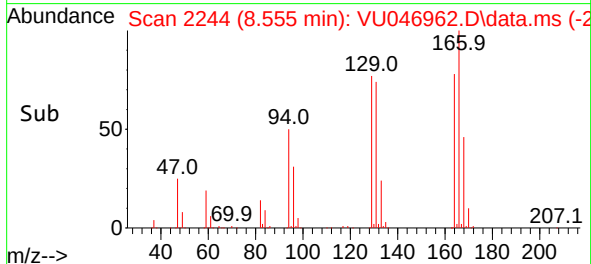
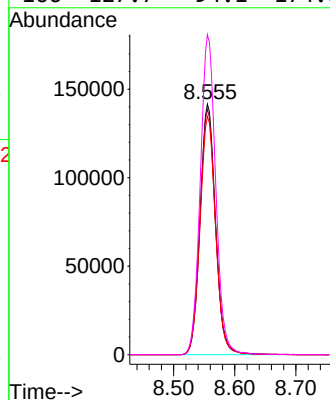
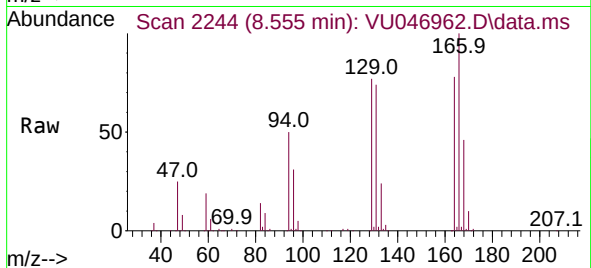
Ion Ratio Lower Upper

164 100

129 98.0 71.8 133.4

131 95.1 68.5 127.3

166 127.7 94.1 174.8



#49

Dibromochloromethane

Concen: 37.288 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046962.D

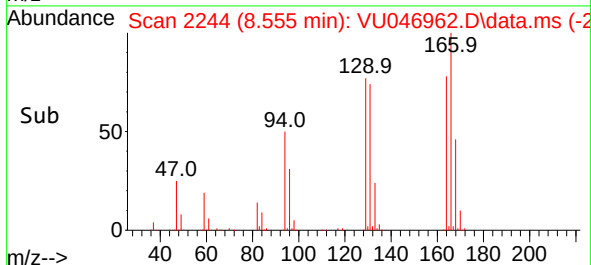
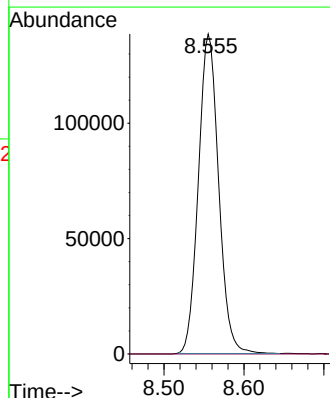
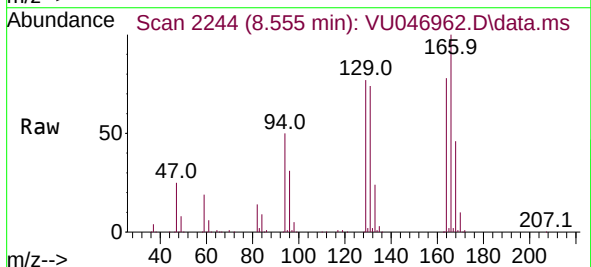
Acq: 01 Feb 2022 14:22

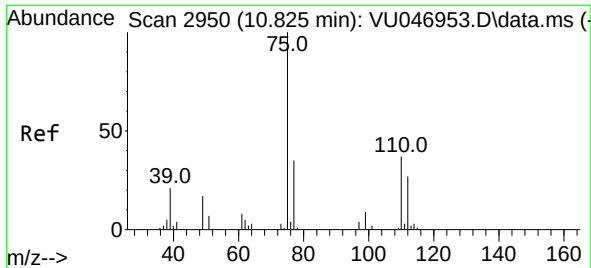
Tgt Ion:129 Resp: 243808

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.498 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046962.D
 Acq: 01 Feb 2022 14:22

Instrument :
 MSVOA_U
 ClientSampleId :
 COHN0

Tgt Ion: 75 Resp: 6045
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 27.9 25.5 38.3

