

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046963.D
 Acq On : 01 Feb 2022 14:46
 Operator : SY/MD
 Sample : N1328-12 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHN1

Quant Time: Feb 02 02:04:45 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)

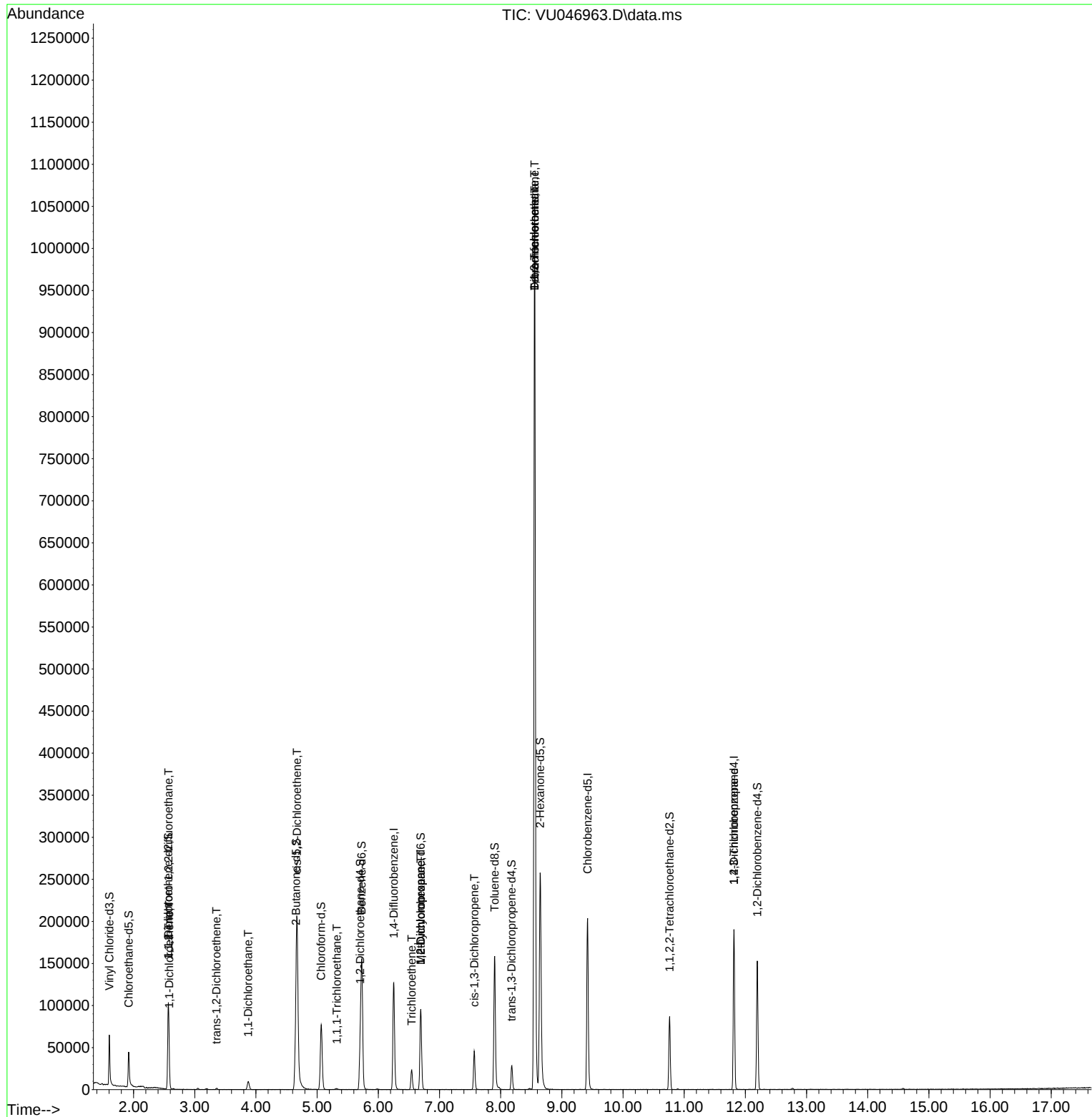
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	106323	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119613	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	47668	5.291	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.919	69	37484	5.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.568	65	18880	5.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	4.655	46	125845	47.150	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.300%
24) Chloroform-d	5.067	84	73954	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.703	65	41121	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.729	84	149472	4.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.694	67	46591	4.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.902	98	114163	3.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.179	79	17469	3.769	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.645	63	111033	40.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.900%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44377	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	40373	4.300	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	422	0.068	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	3759	0.633	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	777	0.121	ug/L	75
19) 1,1-Dichloroethane	3.874	63	12033	1.115	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	86259	12.717	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	1034	0.096	ug/L	89
34) Trichloroethene	6.546	95	8299	1.135	ug/L	94
35) Methylcyclohexane	6.694	83	11281	0.921	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4735	0.685	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1065	0.099	ug/L #	68
45) 1,1,2-Trichloroethane	8.552	97	2220	0.378	ug/L #	1
47) Tetrachloroethene	8.555	164	235824	39.656	ug/L	96
49) Dibromochloromethane	8.555	129	232411	33.522	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6166	1.454	ug/L #	66

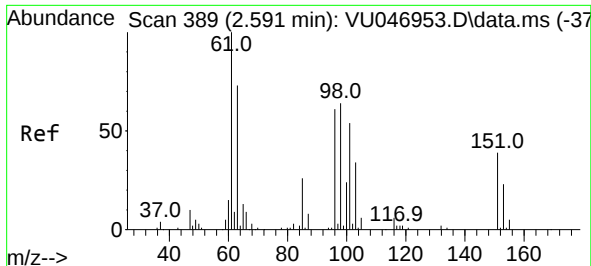
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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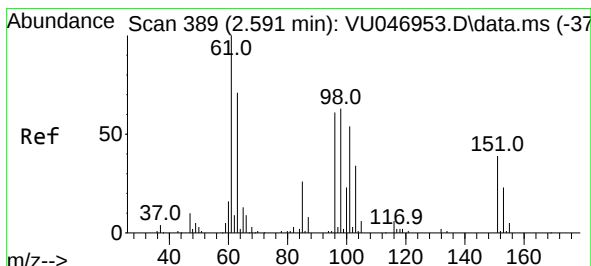
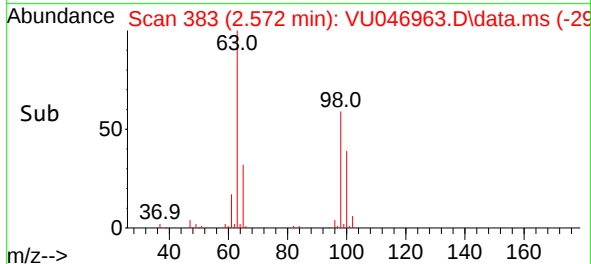
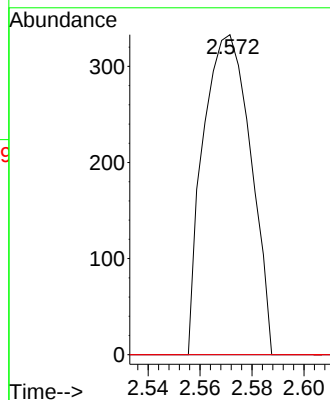
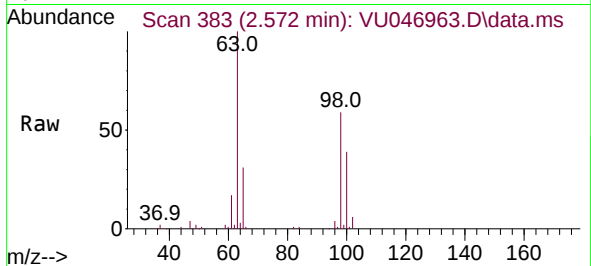




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU046963.D
Acq: 01 Feb 2022 14:46

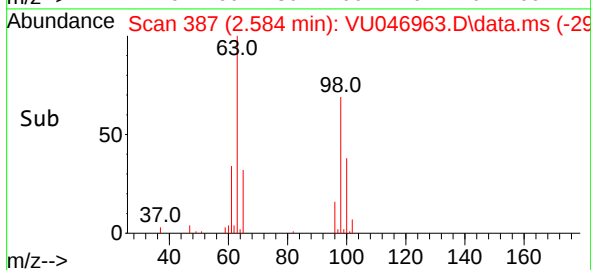
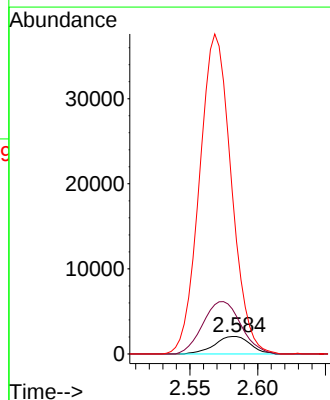
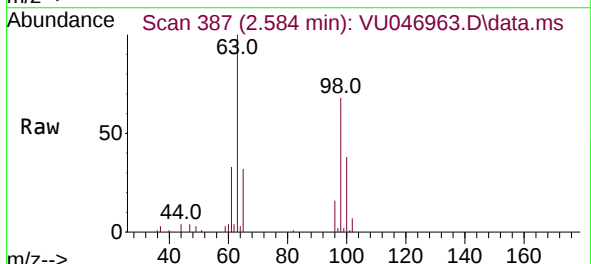
Instrument :
MSVOA_U
ClientSampleId :
COHN1

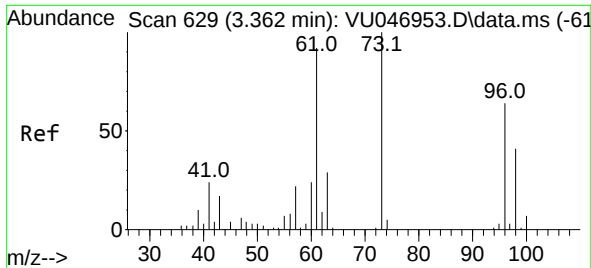
Tgt Ion:101 Resp: 422
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.633 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.006 min
Lab File: VU046963.D
Acq: 01 Feb 2022 14:46

Tgt Ion: 96 Resp: 3759
Ion Ratio Lower Upper
96 100
61 215.4 124.7 231.5
63 643.8 105.2 195.4#

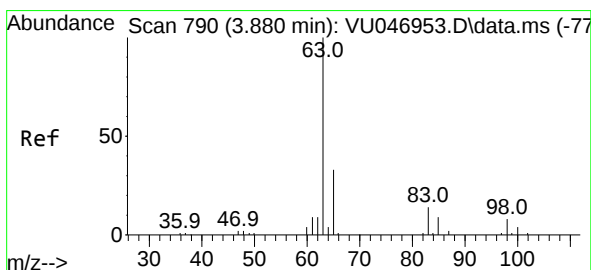
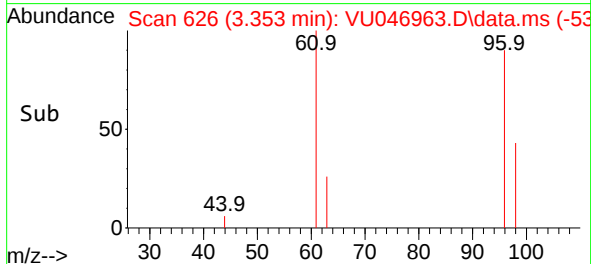
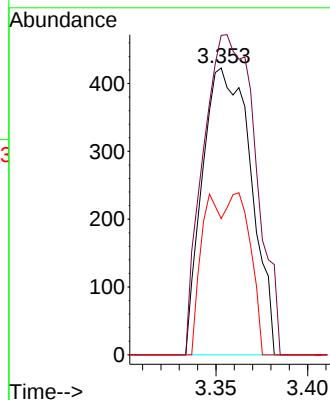
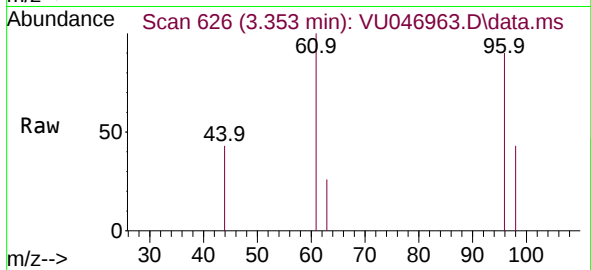




#18
trans-1,2-Dichloroethene
Concen: 0.121 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.010 min
Lab File: VU046963.D
Acq: 01 Feb 2022 14:46

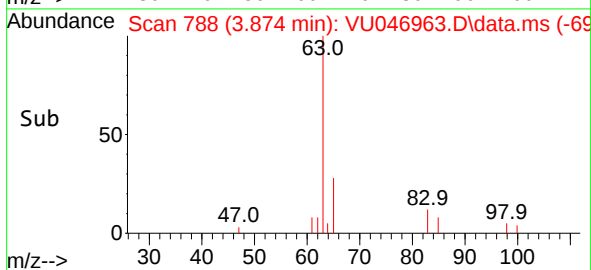
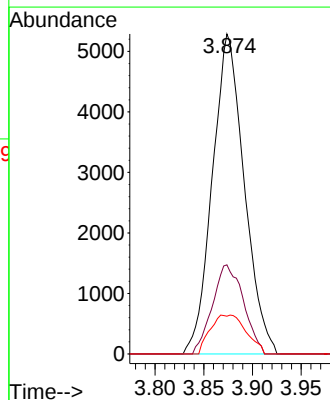
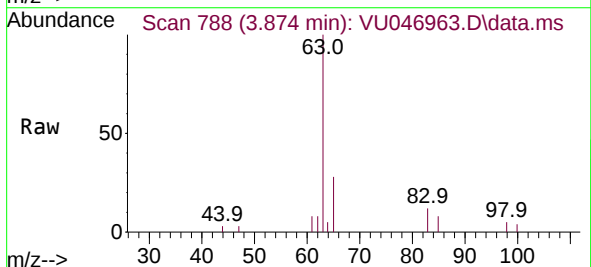
Instrument :
MSVOA_U
ClientSampleId :
COHN1

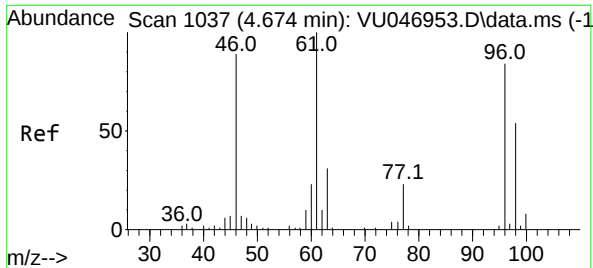
Tgt Ion: 96 Resp: 777
Ion Ratio Lower Upper
96 100
61 111.3 100.8 187.2
98 47.5 45.1 83.7



#19
1,1-Dichloroethane
Concen: 1.115 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.006 min
Lab File: VU046963.D
Acq: 01 Feb 2022 14:46

Tgt Ion: 63 Resp: 12033
Ion Ratio Lower Upper
63 100
65 27.8 22.3 41.5
83 11.8 9.6 17.8

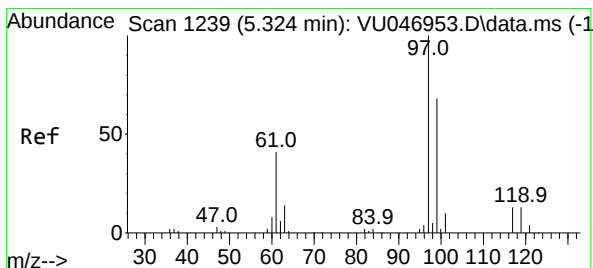
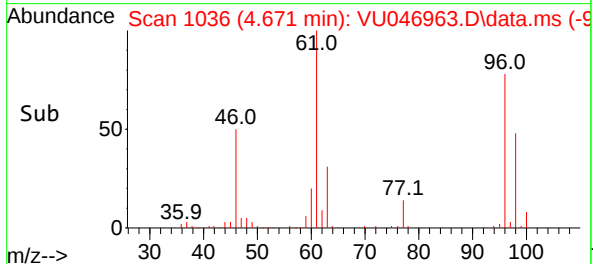
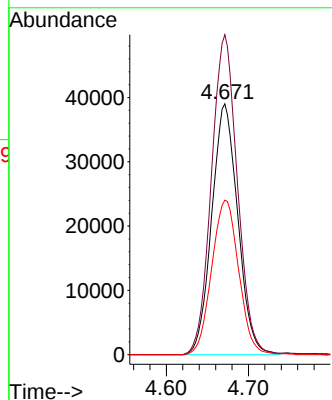
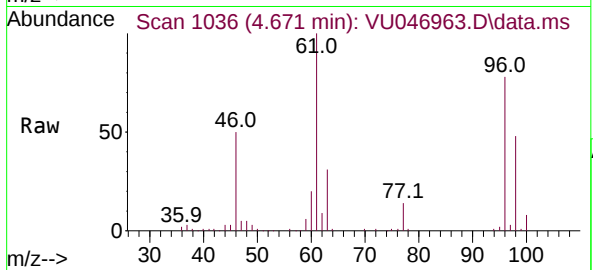




#22
 cis-1,2-Dichloroethene
 Concen: 12.717 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046963.D
 Acq: 01 Feb 2022 14:46

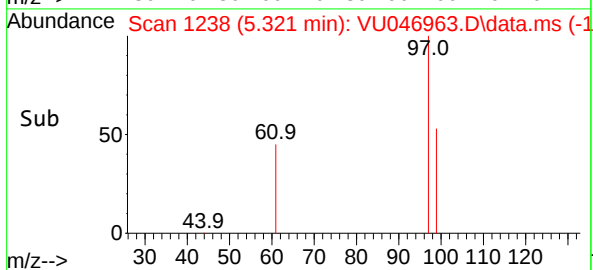
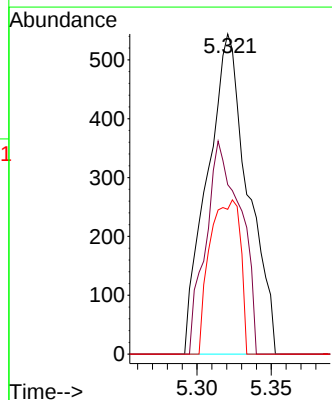
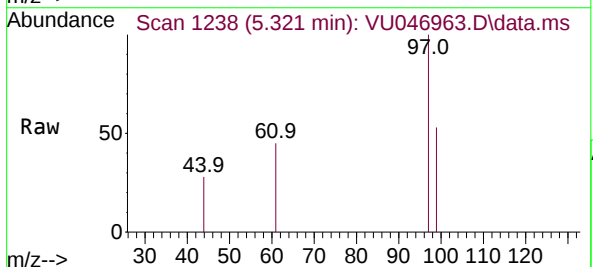
Instrument :
 MSVOA_U
 ClientSampleId :
 COHN1

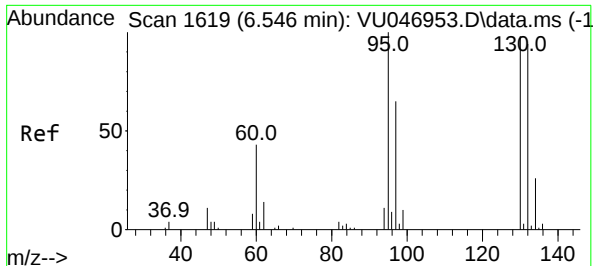
Tgt Ion: 96 Resp: 86259
 Ion Ratio Lower Upper
 96 100
 61 127.6 88.5 164.3
 98 61.6 44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 0.096 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.003 min
 Lab File: VU046963.D
 Acq: 01 Feb 2022 14:46

Tgt Ion: 97 Resp: 1034
 Ion Ratio Lower Upper
 97 100
 99 57.0 51.3 76.9
 61 36.2 36.1 54.1



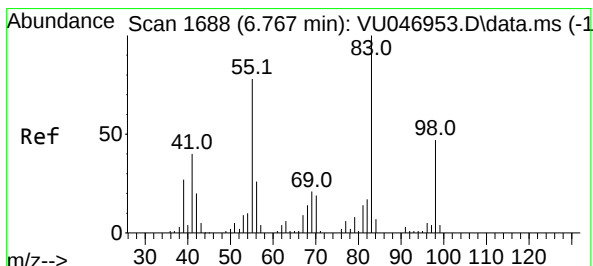
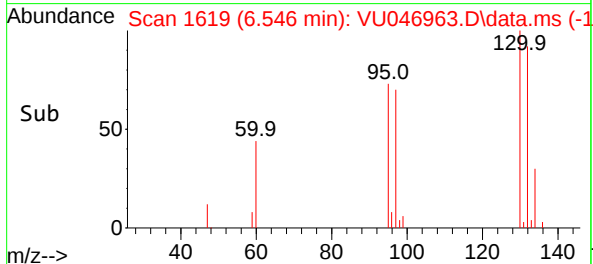
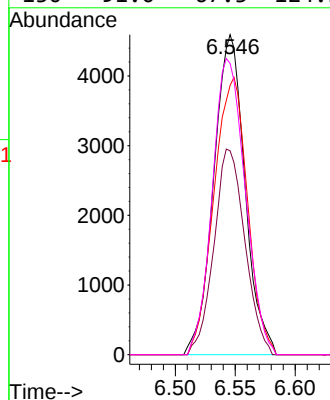
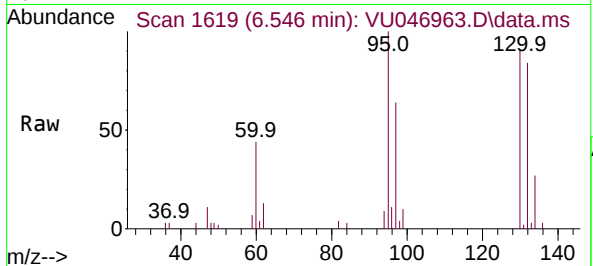


#34
Trichloroethene
Concen: 1.135 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046963.D
Acq: 01 Feb 2022 14:46

Instrument :
MSVOA_U
ClientSampleId :
COHN1

Tgt Ion: 95 Resp: 8299

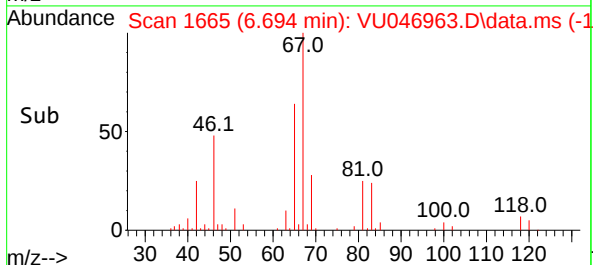
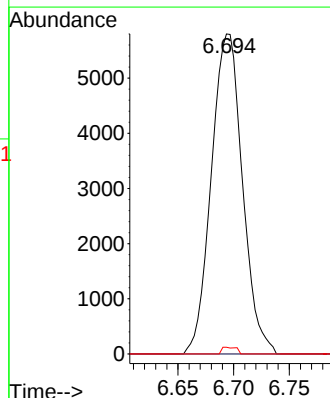
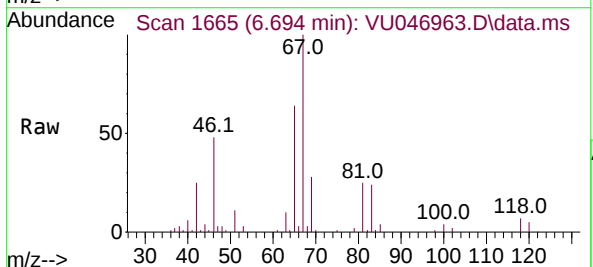
Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.5	86.5
132	84.2	65.1	120.9
130	91.0	67.3	124.9

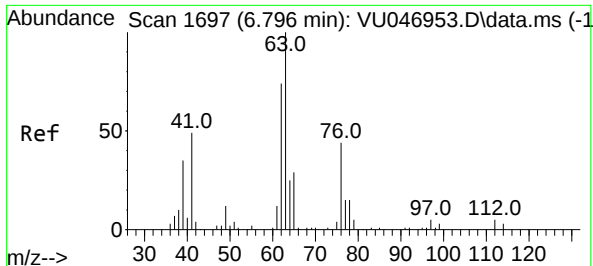


#35
Methylcyclohexane
Concen: 0.921 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046963.D
Acq: 01 Feb 2022 14:46

Tgt Ion: 83 Resp: 11281

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	1.0	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.685 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046963.D

Acq: 01 Feb 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

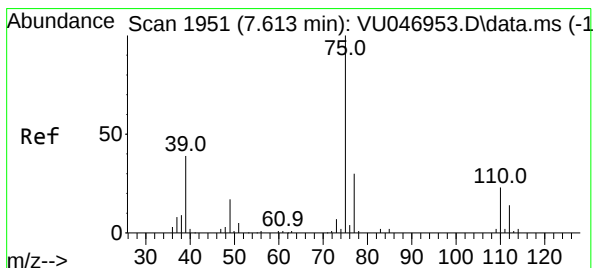
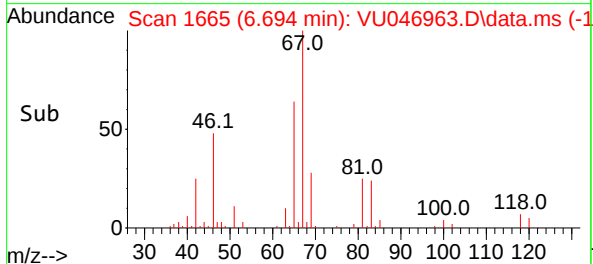
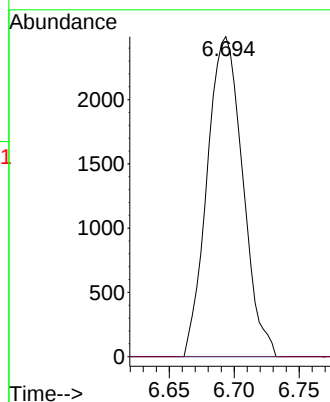
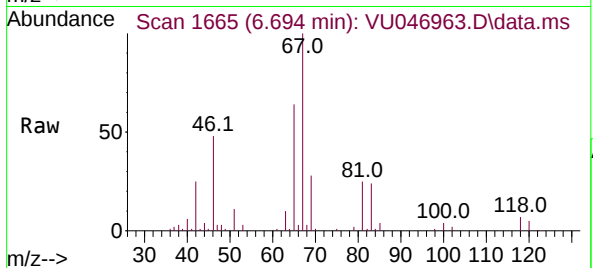
COHN1

Tgt Ion: 63 Resp: 4735

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU046963.D

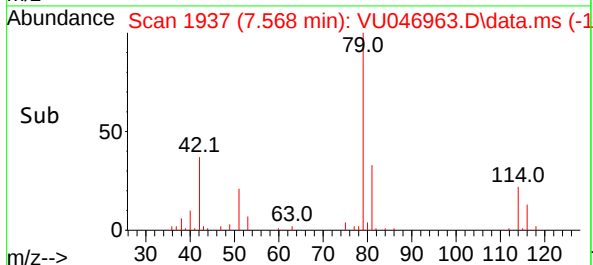
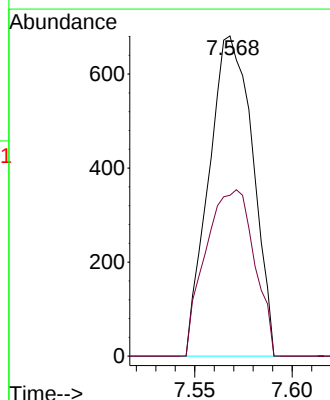
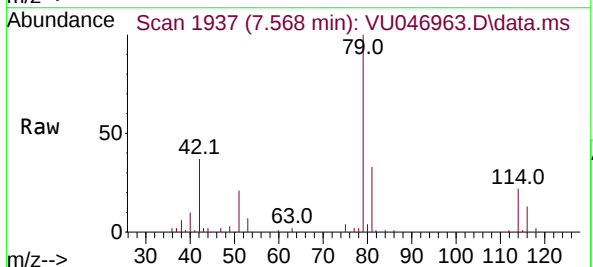
Acq: 01 Feb 2022 14:46

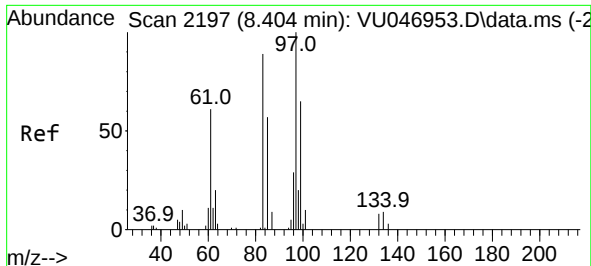
Tgt Ion: 75 Resp: 1065

Ion Ratio Lower Upper

75 100

77 50.2 22.5 41.9#





#45

1,1,2-Trichloroethane

Concen: 0.378 ug/L

RT: 8.552 min Scan# 2197

Delta R.T. 0.148 min

Lab File: VU046963.D

Acq: 01 Feb 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

COHN1

Tgt Ion: 97 Resp: 2220

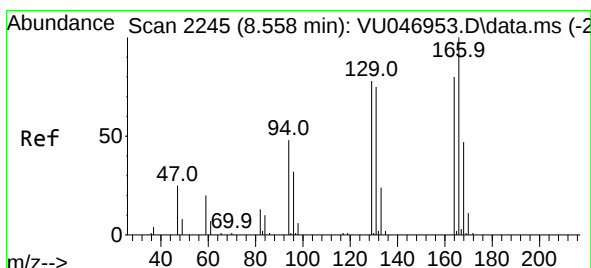
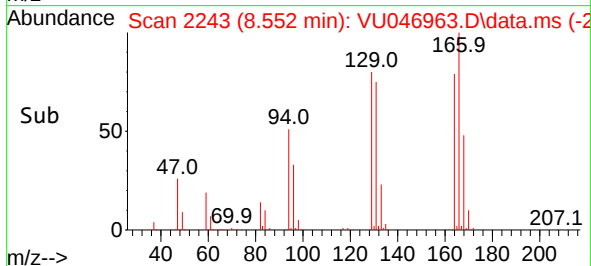
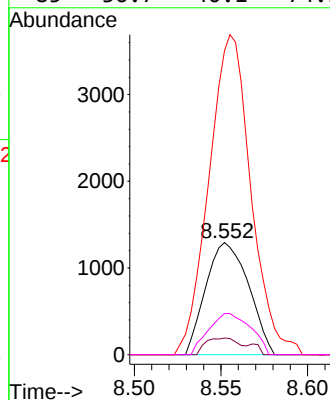
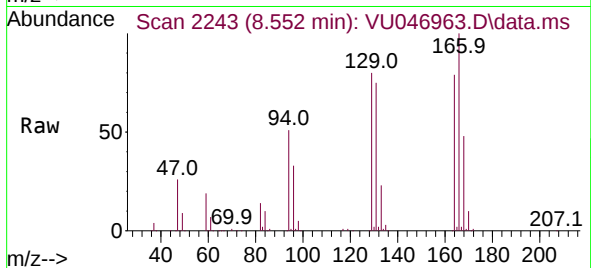
Ion Ratio Lower Upper

97 100

99 14.8 42.3 78.5#

83 271.2 62.0 115.2#

85 36.7 40.1 74.5#



#47

Tetrachloroethene

Concen: 39.656 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU046963.D

Acq: 01 Feb 2022 14:46

Tgt Ion:164 Resp: 235824

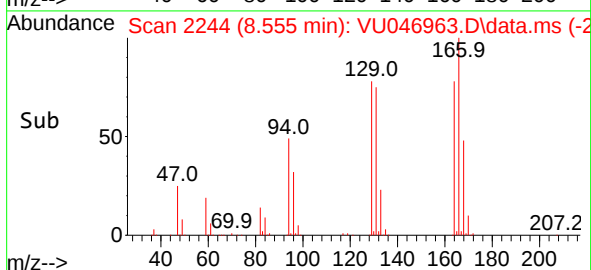
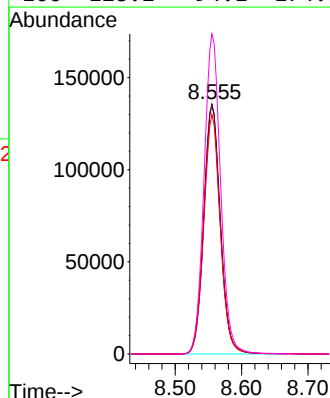
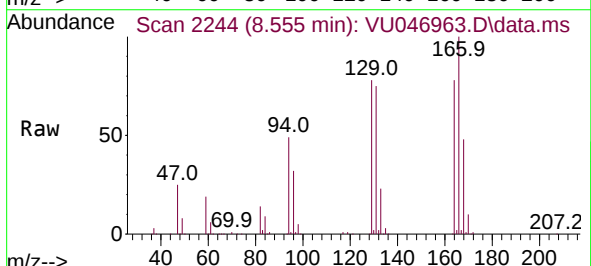
Ion Ratio Lower Upper

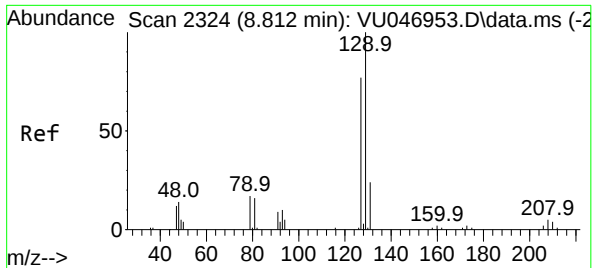
164 100

129 99.7 71.8 133.4

131 95.9 68.5 127.3

166 128.2 94.1 174.8





#49

Dibromochloromethane

Concen: 33.522 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046963.D

Acq: 01 Feb 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

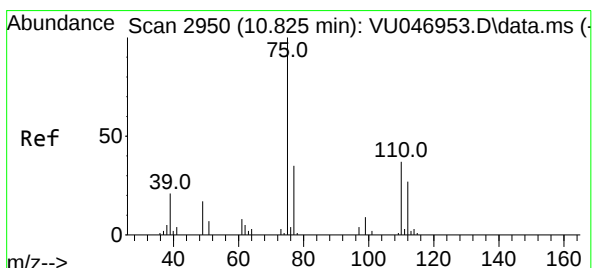
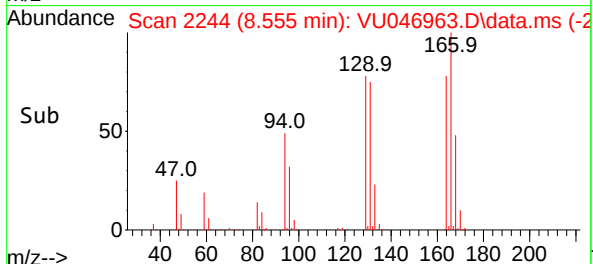
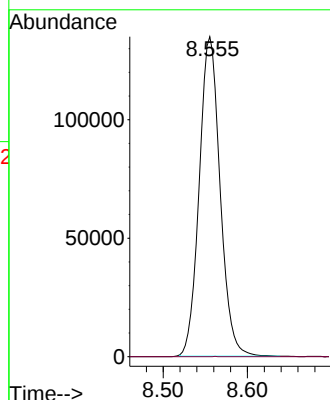
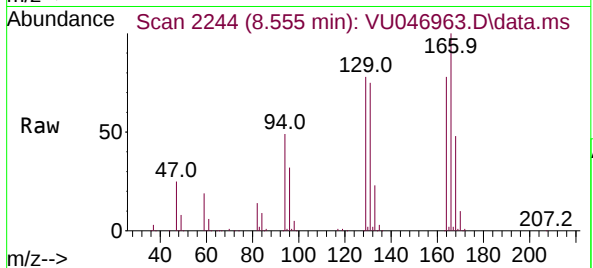
COHN1

Tgt Ion:129 Resp: 232411

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.454 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046963.D

Acq: 01 Feb 2022 14:46

Tgt Ion: 75 Resp: 6166

Ion Ratio Lower Upper

75 100

110 1.2 29.9 44.9#

77 33.5 25.5 38.3

