

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046964.D
 Acq On : 01 Feb 2022 15:11
 Operator : SY/MD
 Sample : N1328-15 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHN4

Quant Time: Feb 02 02:04:59 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)

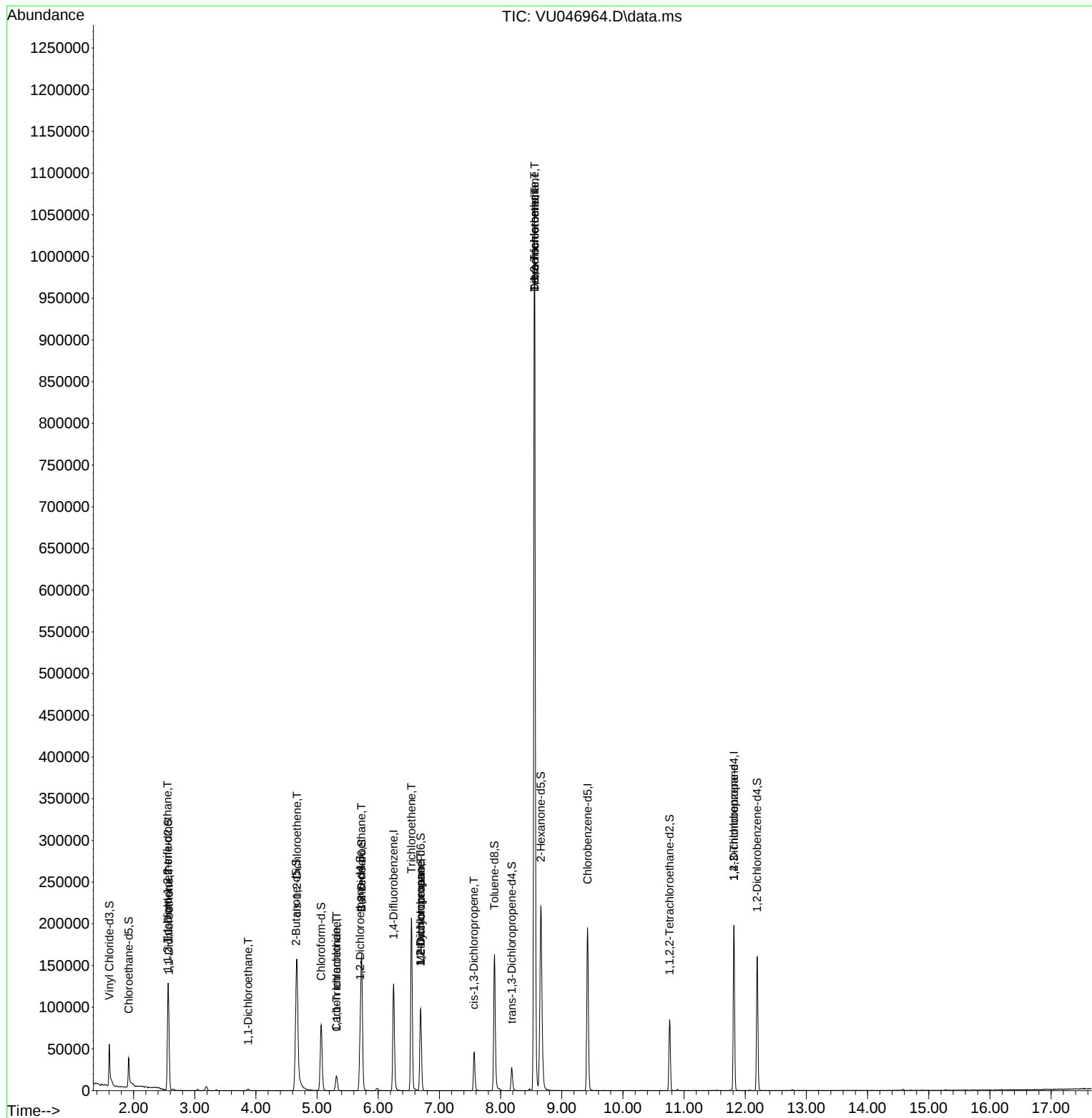
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	107331	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	121770	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	51406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48699	5.355	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.000%
7) Chloroethane-d5	1.919	69	29307	4.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.562	65	18790	5.194	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.655	46	120487	44.719	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.440%
24) Chloroform-d	5.067	84	74975	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.703	65	42144	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.729	84	152044	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.694	67	47362	4.408	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.899	98	118922	3.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.182	79	17473	3.703	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.658	63	110214	39.444	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.880%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44529	4.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	41616	4.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.556	101	472	0.075	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	17496	2.919	ug/L	90
19) 1,1-Dichloroethane	3.874	63	2388	0.219	ug/L	89
22) cis-1,2-Dichloroethene	4.671	96	61718	9.013	ug/L	99
27) 1,2-Dichloroethane	5.726	62	713	0.093	ug/L #	73
29) 1,1,1-Trichloroethane	5.317	97	13904	1.268	ug/L	96
31) Carbon tetrachloride	5.314	117	1676	0.178	ug/L	98
34) Trichloroethene	6.543	95	72395	9.726	ug/L	97
35) Methylcyclohexane	6.694	83	11487	0.921	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	4871	0.693	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1160	0.106	ug/L #	61
45) 1,1,2-Trichloroethane	8.552	97	2208	0.369	ug/L #	1
47) Tetrachloroethene	8.555	164	235885	38.964	ug/L	96
49) Dibromochloromethane	8.555	129	236739	33.541	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6453	1.482	ug/L #	67

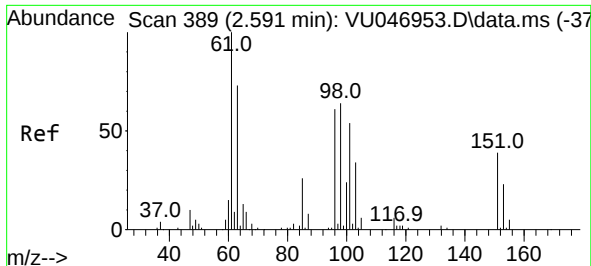
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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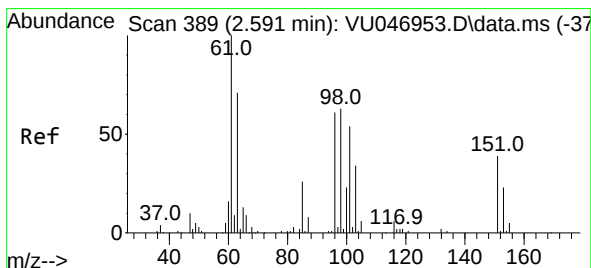
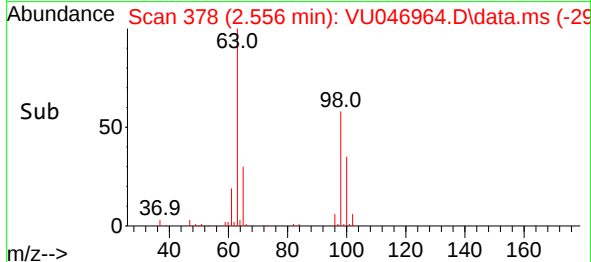
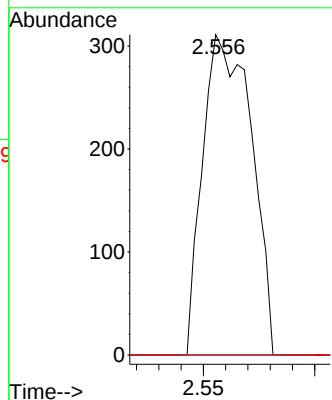
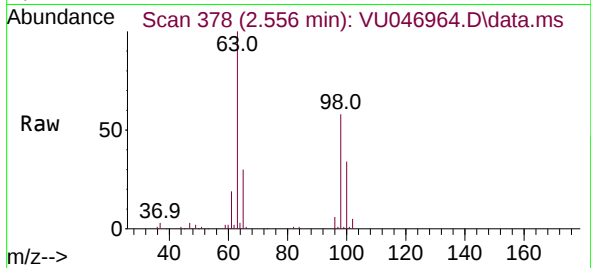




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.556 min Scan# 31
Delta R.T. -0.035 min
Lab File: VU046964.D
Acq: 01 Feb 2022 15:11

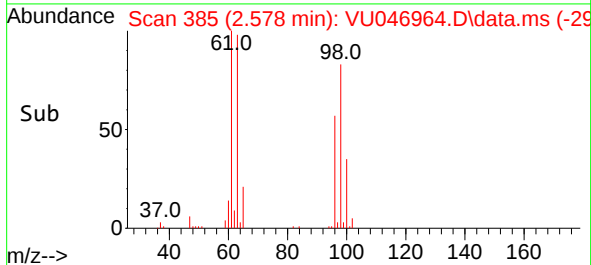
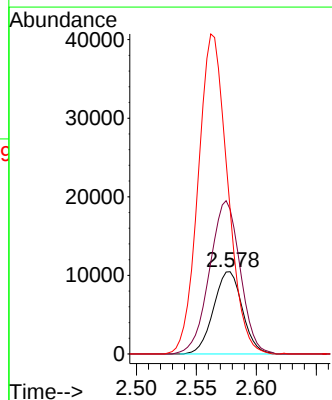
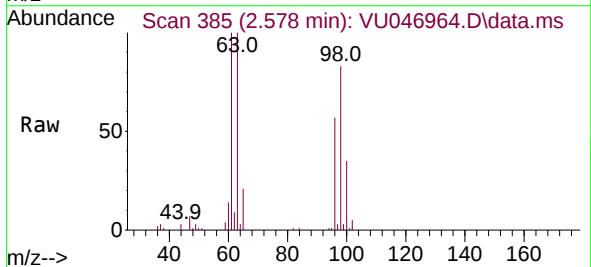
Instrument :
MSVOA_U
ClientSampleId :
COHN4

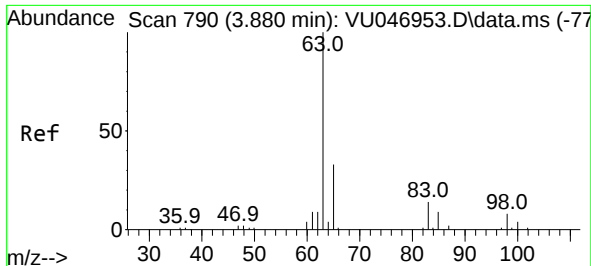
Tgt Ion:101 Resp: 472
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 2.919 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU046964.D
Acq: 01 Feb 2022 15:11

Tgt Ion: 96 Resp: 17496
Ion Ratio Lower Upper
96 100
61 176.0 124.7 231.5
63 175.6 105.2 195.4





#19

1,1-Dichloroethane

Concen: 0.219 ug/L

RT: 3.874 min Scan# 790

Delta R.T. -0.006 min

Lab File: VU046964.D

Acq: 01 Feb 2022 15:11

Instrument :

MSVOA_U

ClientSampleId :

COHN4

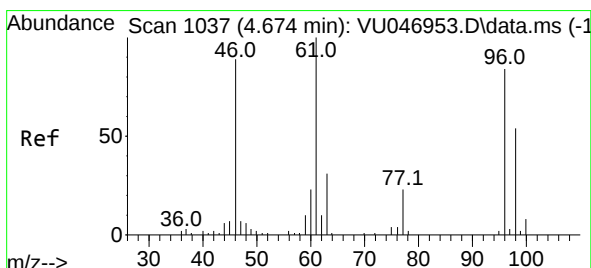
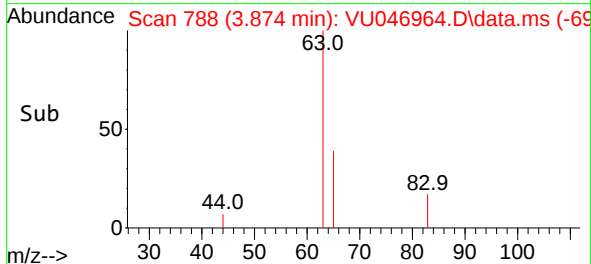
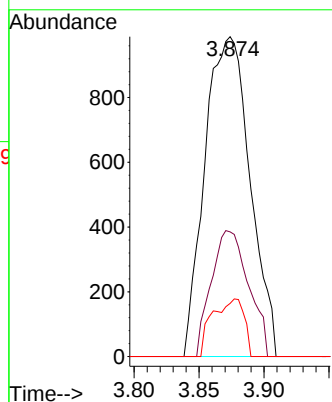
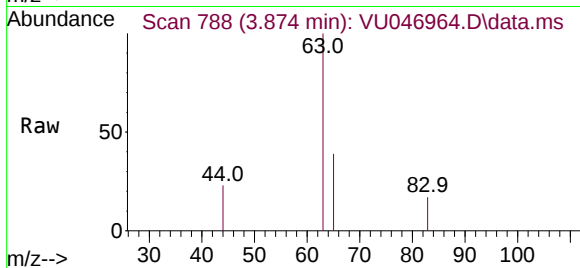
Tgt Ion: 63 Resp: 2388

Ion Ratio Lower Upper

63 100

65 39.0 22.3 41.5

83 16.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 9.013 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046964.D

Acq: 01 Feb 2022 15:11

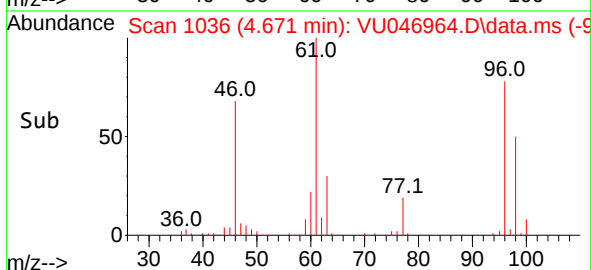
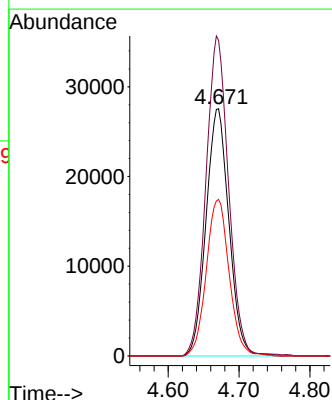
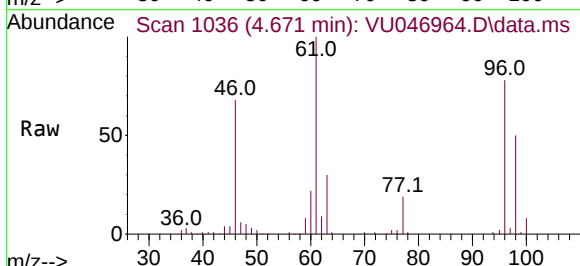
Tgt Ion: 96 Resp: 61718

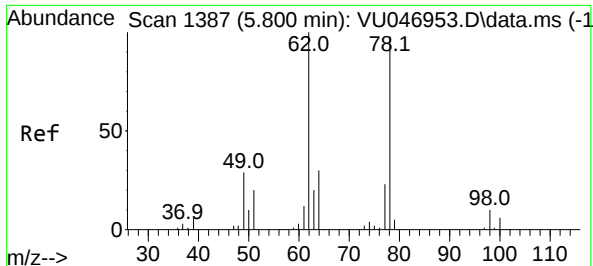
Ion Ratio Lower Upper

96 100

61 127.6 88.5 164.3

98 63.3 44.4 82.5

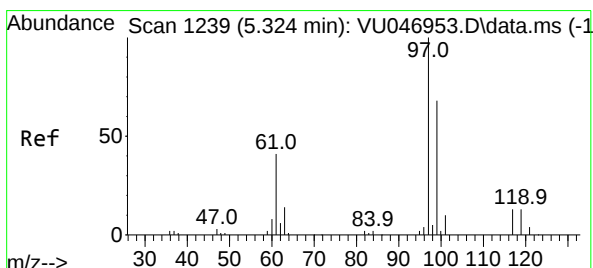
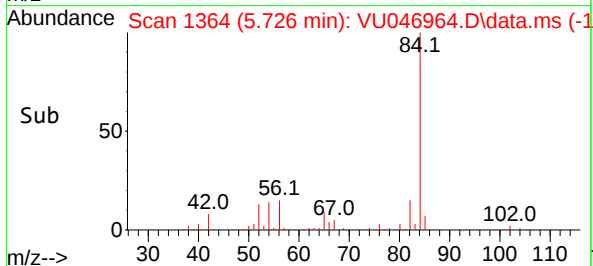
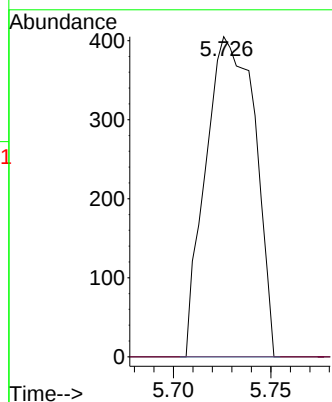
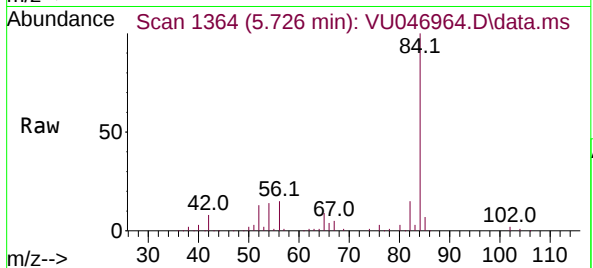




#27
 1,2-Dichloroethane
 Concen: 0.093 ug/L
 RT: 5.726 min Scan# 11
 Delta R.T. -0.074 min
 Lab File: VU046964.D
 Acq: 01 Feb 2022 15:11

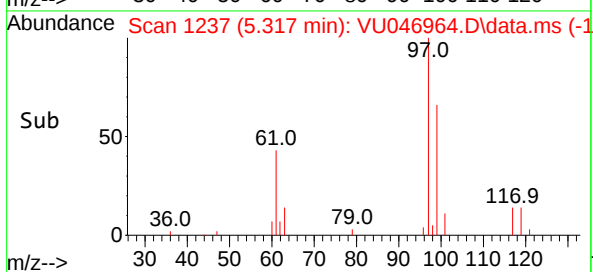
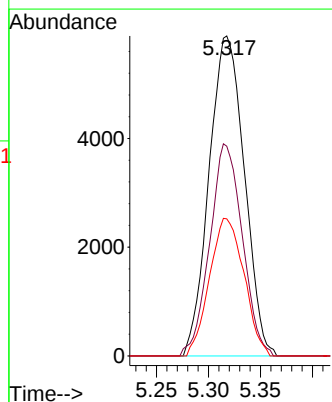
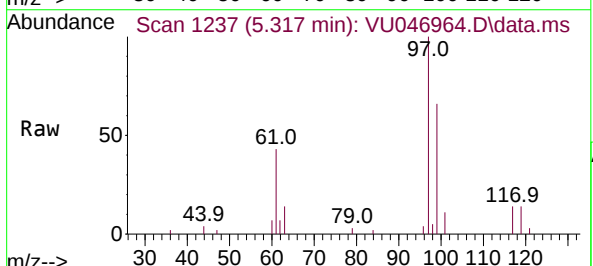
Instrument :
 MSVOA_U
 ClientSampleId :
 COHN4

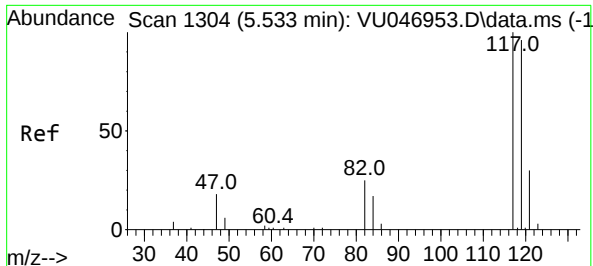
Tgt Ion: 62 Resp: 713
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#



#29
 1,1,1-Trichloroethane
 Concen: 1.268 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: VU046964.D
 Acq: 01 Feb 2022 15:11

Tgt Ion: 97 Resp: 13904
 Ion Ratio Lower Upper
 97 100
 99 61.2 51.3 76.9
 61 42.0 36.1 54.1

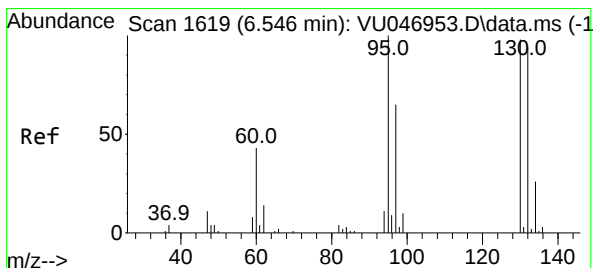
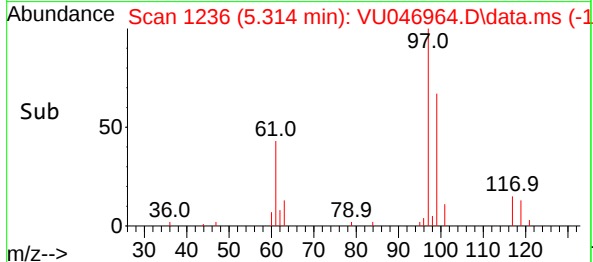
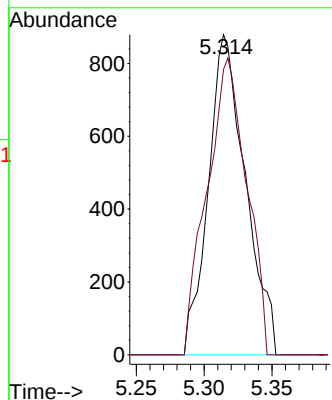
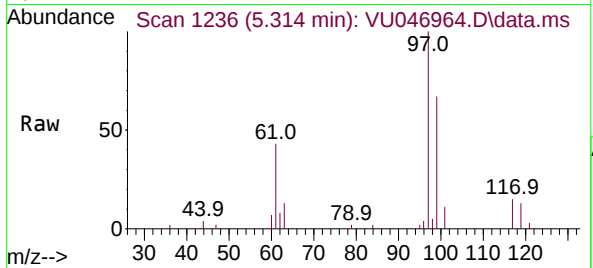




#31
Carbon tetrachloride
Concen: 0.178 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.219 min
Lab File: VU046964.D
Acq: 01 Feb 2022 15:11

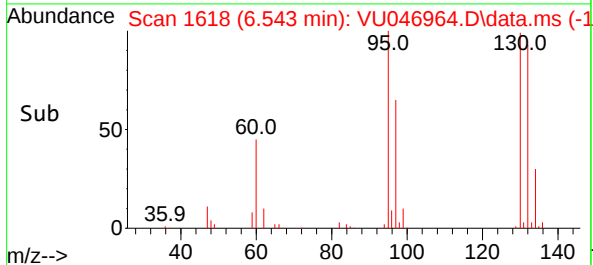
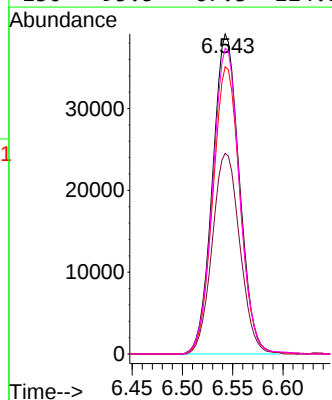
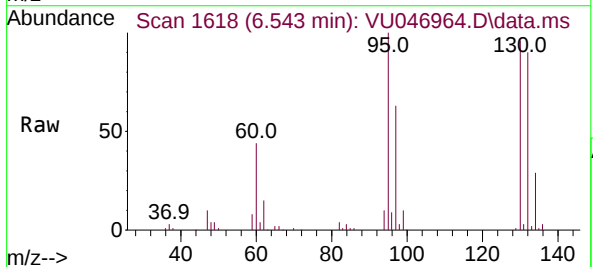
Instrument :
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ClientSampleId :
COHN4

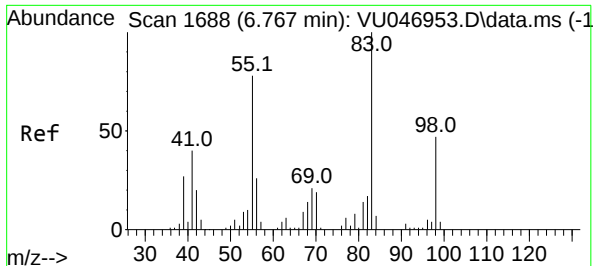
Tgt Ion:117 Resp: 1676
Ion Ratio Lower Upper
117 100
119 98.9 77.5 116.3



#34
Trichloroethene
Concen: 9.726 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046964.D
Acq: 01 Feb 2022 15:11

Tgt Ion: 95 Resp: 72395
Ion Ratio Lower Upper
95 100
97 62.7 46.5 86.5
132 89.8 65.1 120.9
130 95.5 67.3 124.9

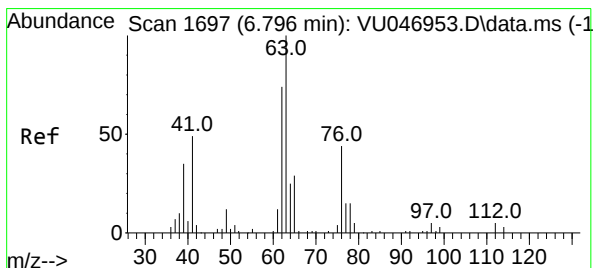
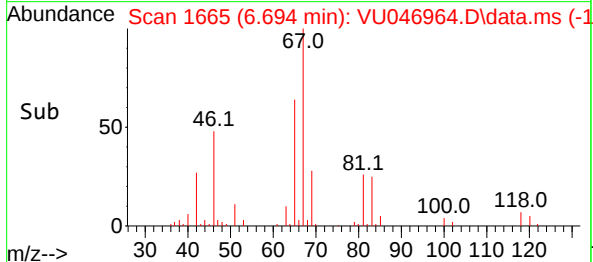
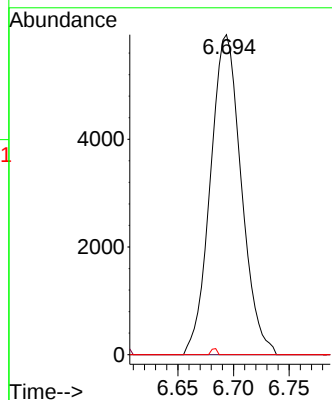
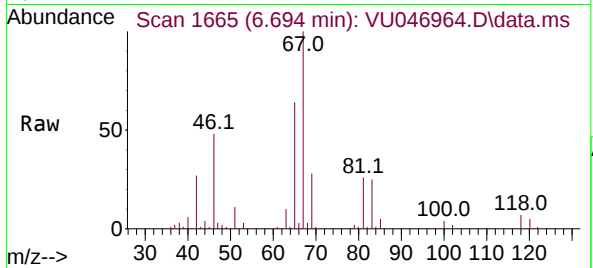




#35
Methylcyclohexane
Concen: 0.921 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046964.D
Acq: 01 Feb 2022 15:11

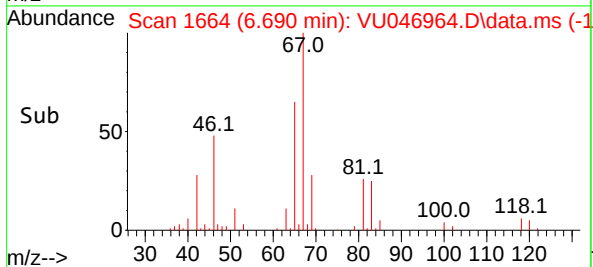
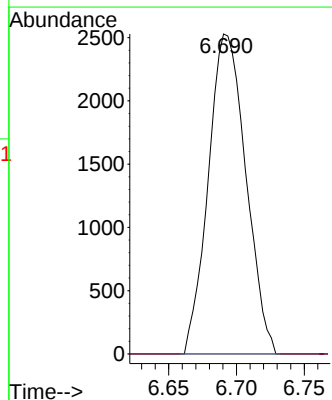
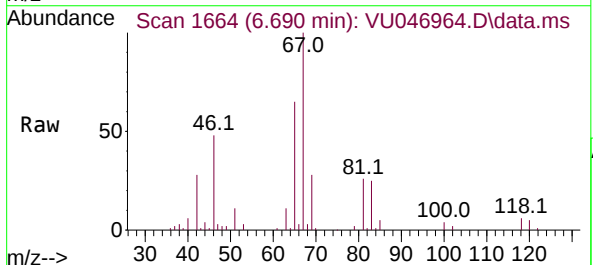
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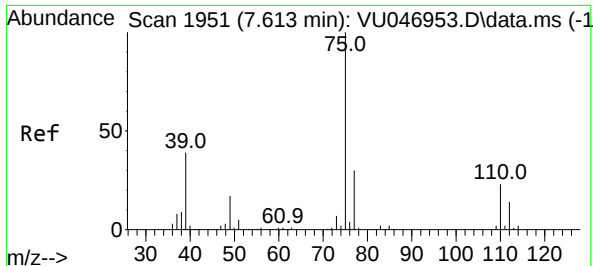
Tgt Ion: 83 Resp: 11487
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.106 min
Lab File: VU046964.D
Acq: 01 Feb 2022 15:11

Tgt Ion: 63 Resp: 4871
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.048 min

Lab File: VU046964.D

Acq: 01 Feb 2022 15:11

Instrument :

MSVOA_U

ClientSampleId :

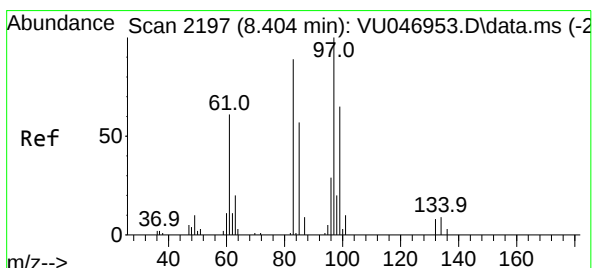
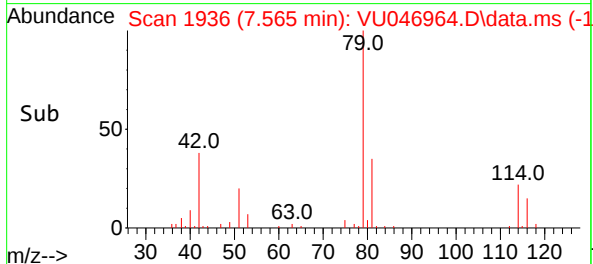
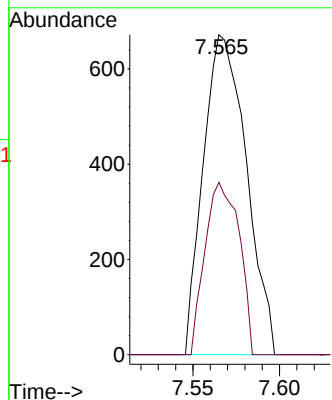
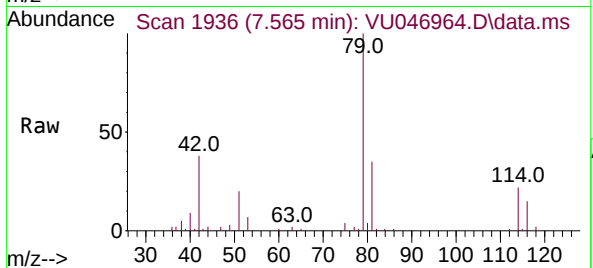
COHN4

Tgt Ion: 75 Resp: 1160

Ion Ratio Lower Upper

75 100

77 53.9 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.369 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.148 min

Lab File: VU046964.D

Acq: 01 Feb 2022 15:11

Tgt Ion: 97 Resp: 2208

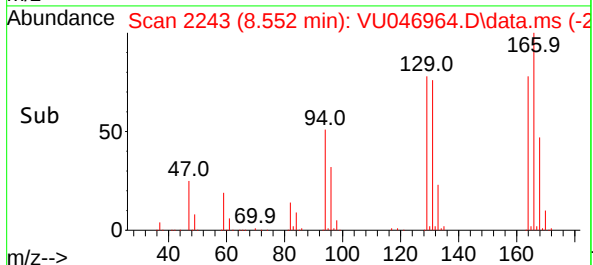
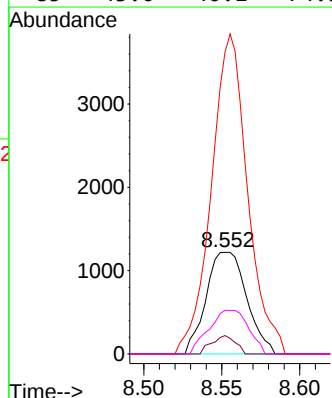
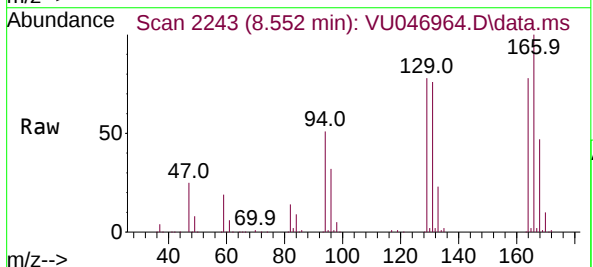
Ion Ratio Lower Upper

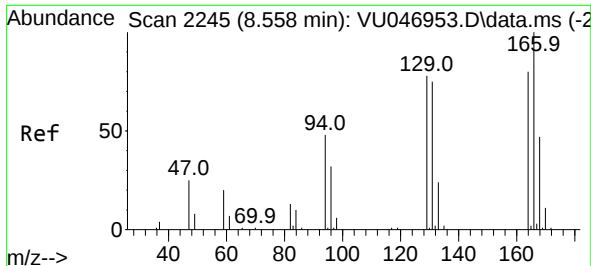
97 100

99 18.2 42.3 78.5#

83 296.9 62.0 115.2#

85 43.0 40.1 74.5





#47

Tetrachloroethene

Concen: 38.964 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046964.D

Acq: 01 Feb 2022 15:11

Instrument :

MSVOA_U

ClientSampleId :

COHN4

Tgt Ion:164 Resp: 235885

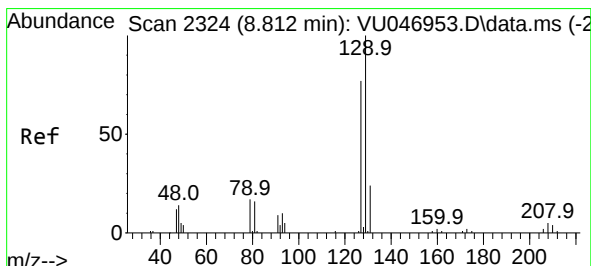
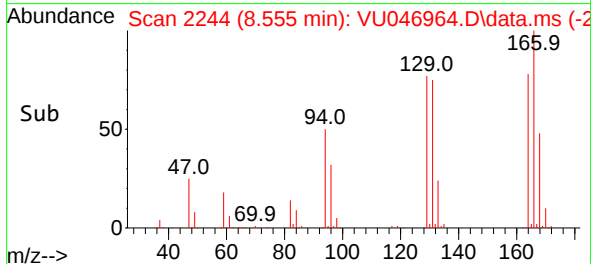
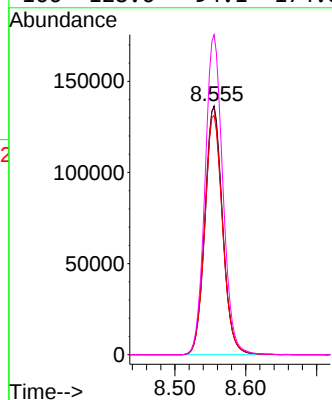
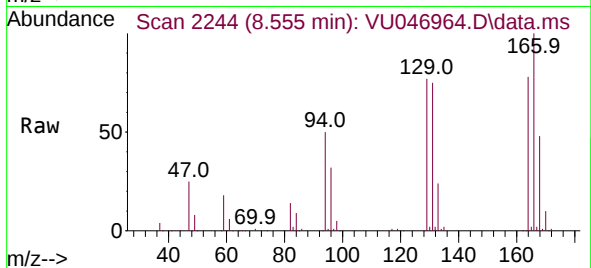
Ion Ratio Lower Upper

164 100

129 99.2 71.8 133.4

131 96.2 68.5 127.3

166 128.6 94.1 174.8



#49

Dibromochloromethane

Concen: 33.541 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046964.D

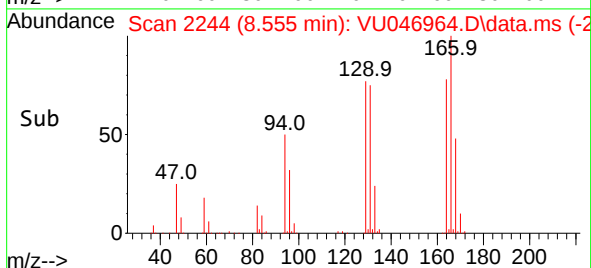
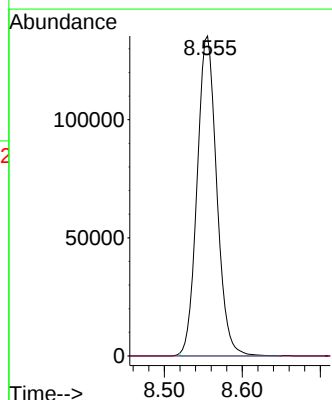
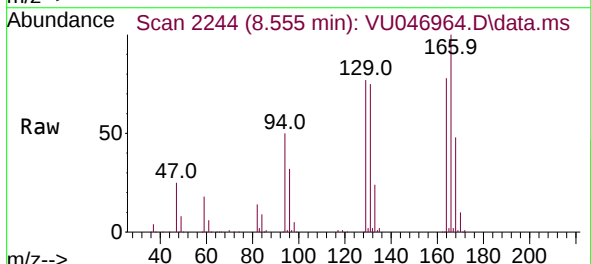
Acq: 01 Feb 2022 15:11

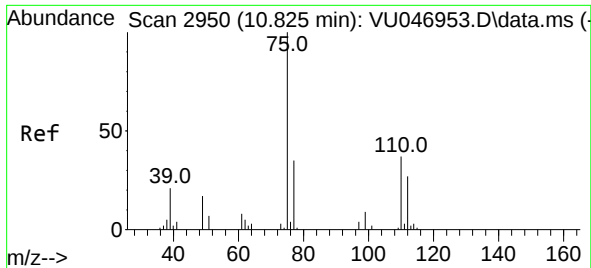
Tgt Ion:129 Resp: 236739

Ion Ratio Lower Upper

129 100

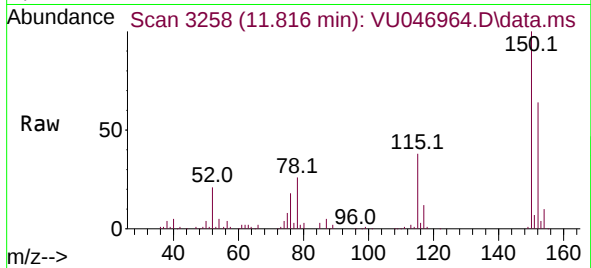
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.482 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046964.D
 Acq: 01 Feb 2022 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HN4



Tgt Ion: 75 Resp: 6453
 Ion Ratio Lower Upper
 75 100
 110 2.6 29.9 44.9#
 77 33.3 25.5 38.3

