

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046945.D
 Acq On : 01 Feb 2022 02:50
 Operator : SY/MD
 Sample : N1328-01DL 1000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:46:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

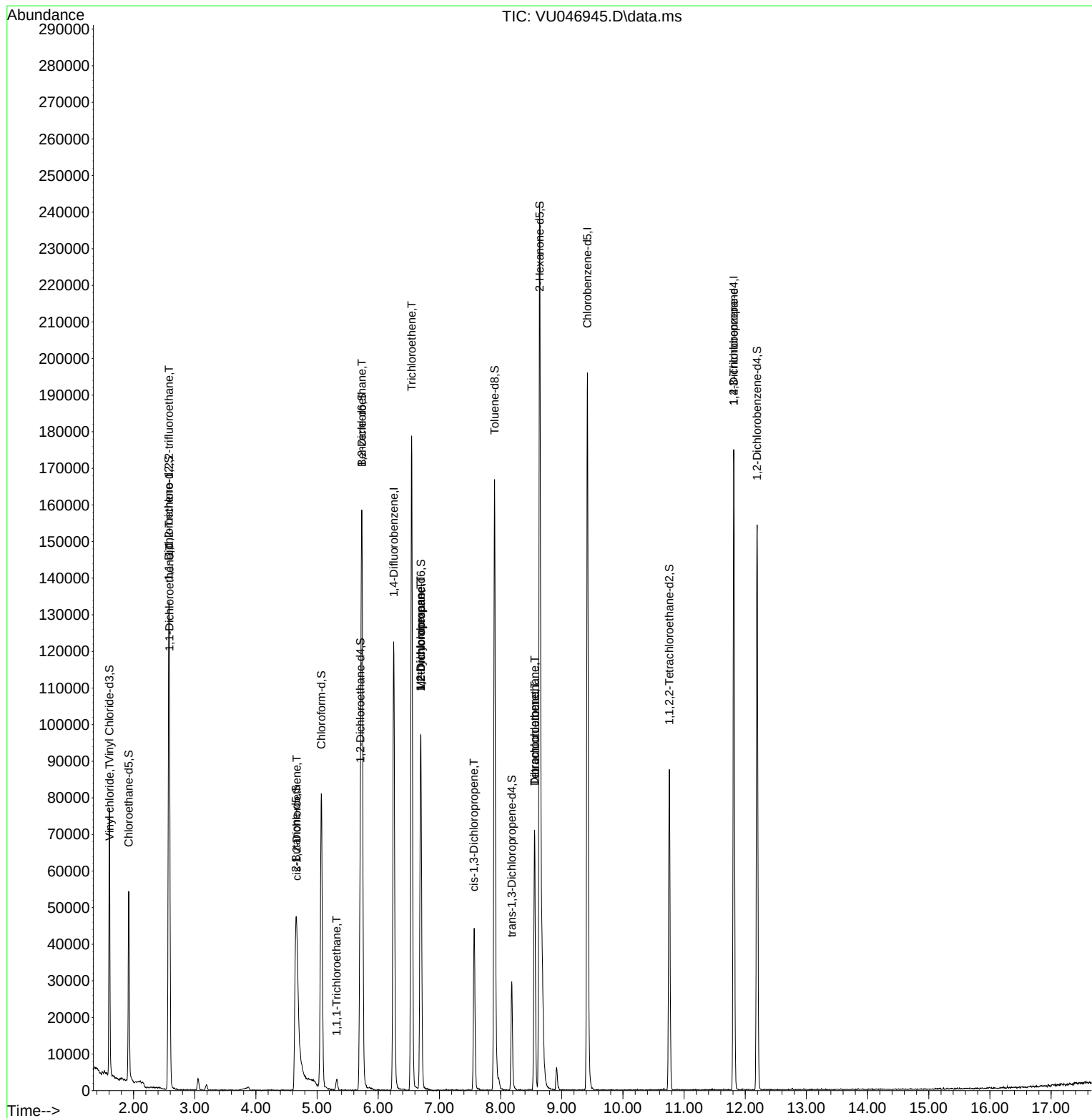
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	104236	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116193	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52074	5.896	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.000%
7) Chloroethane-d5	1.919	69	39999	5.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.000%
11) 1,1-Dichloroethene-d2	2.575	65	19156	5.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.000%
20) 2-Butanone-d5	4.655	46	105078	40.158	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.320%
24) Chloroform-d	5.070	84	76275	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.706	65	44183	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.732	84	153643	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.697	67	47876	4.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.902	98	120107	3.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.182	79	17920	3.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.639	63	105842	39.697	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46026	4.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	40480	4.533	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	2345	0.279	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	423	0.069	ug/L #	21
12) 1,1-Dichloroethene	2.587	96	19314	3.318	ug/L #	75
22) cis-1,2-Dichloroethene	4.668	96	3575	0.538	ug/L	96
27) 1,2-Dichloroethane	5.732	62	727	0.098	ug/L #	73
29) 1,1,1-Trichloroethane	5.317	97	2547	0.243	ug/L	94
34) Trichloroethene	6.546	95	62618	8.816	ug/L	99
35) Methylcyclohexane	6.693	83	11758	0.988	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	5020	0.748	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1053	0.101	ug/L #	71
47) Tetrachloroethene	8.555	164	16001	2.770	ug/L	97
49) Dibromochloromethane	8.555	129	15807	2.347	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5751	1.425	ug/L #	67

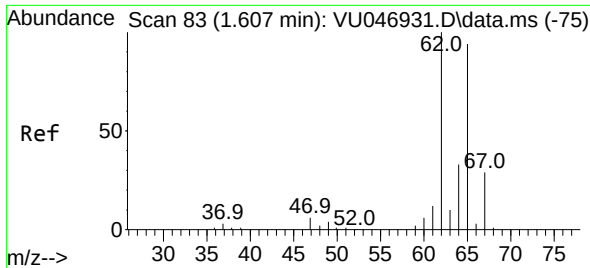
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

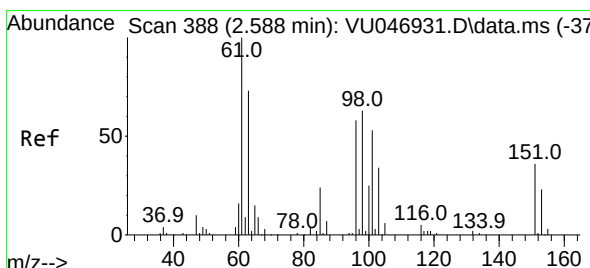
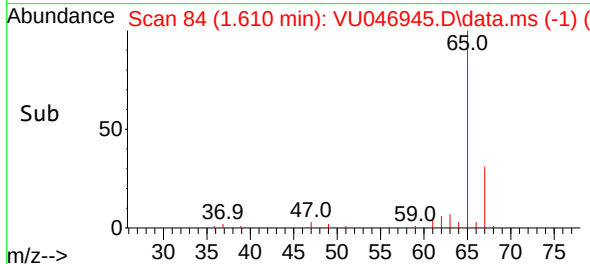
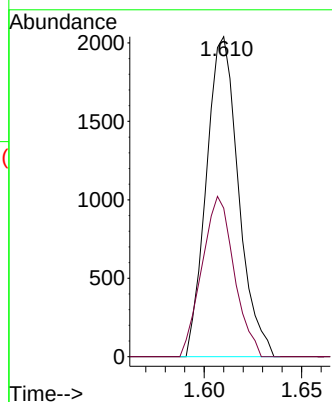
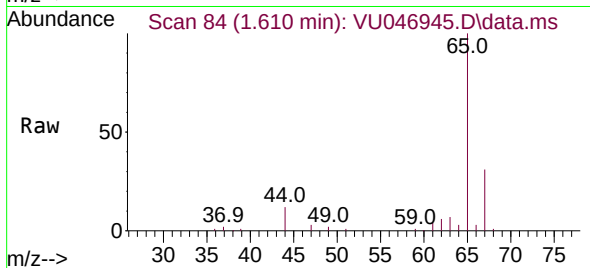




#5
 Vinyl chloride
 Concen: 0.279 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046945.D
 Acq: 01 Feb 2022 02:50

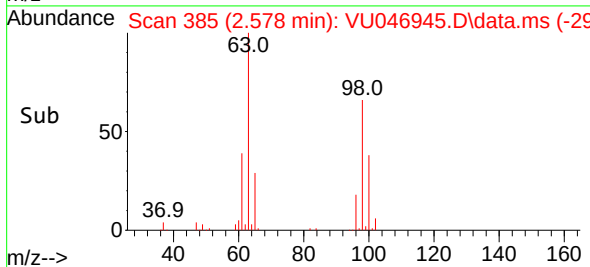
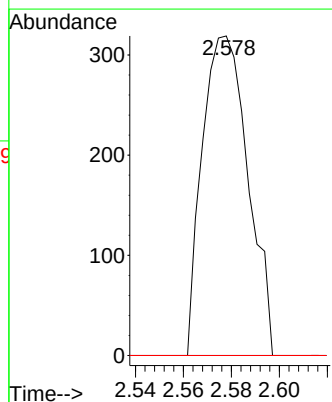
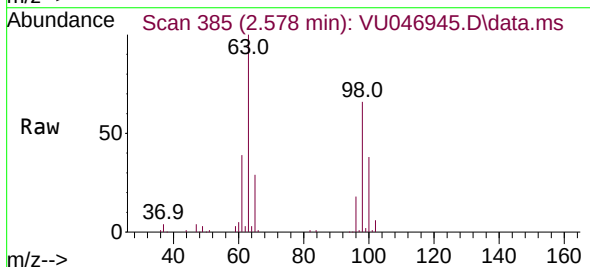
Instrument :
 MSVOA_U
 ClientSampleId :

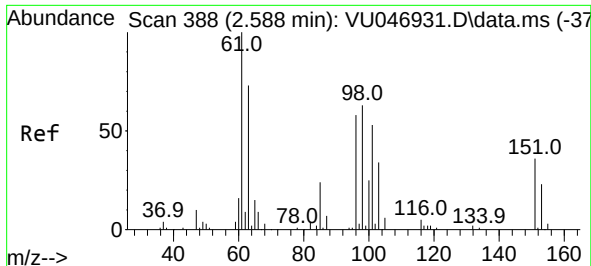
Tgt Ion: 62 Resp: 2345
 Ion Ratio Lower Upper
 62 100
 64 46.4 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046945.D
 Acq: 01 Feb 2022 02:50

Tgt Ion: 101 Resp: 423
 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: 3.318 ug/L

RT: 2.587 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046945.D

Acq: 01 Feb 2022 02:50

Instrument :

MSVOA_U

ClientSampleId :

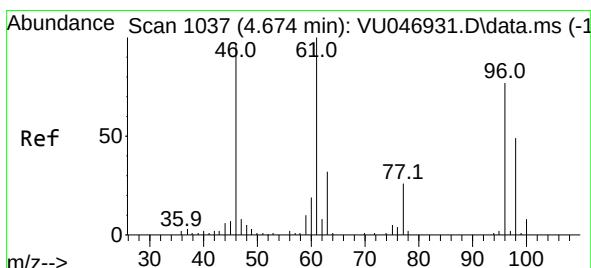
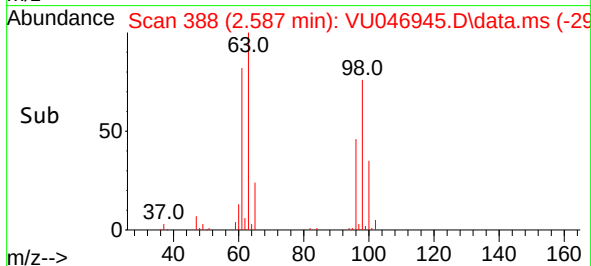
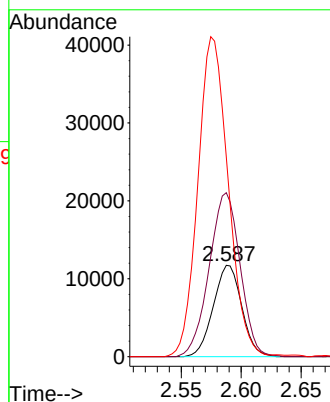
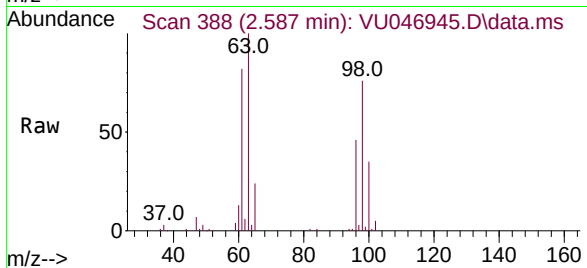
Tgt Ion: 96 Resp: 19314

Ion Ratio Lower Upper

96 100

61 179.6 124.7 231.5

63 219.1 105.2 195.4#



#22

cis-1,2-Dichloroethene

Concen: 0.538 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.007 min

Lab File: VU046945.D

Acq: 01 Feb 2022 02:50

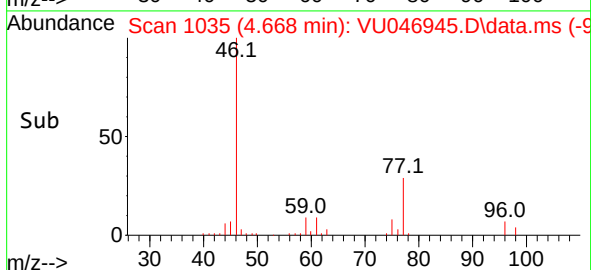
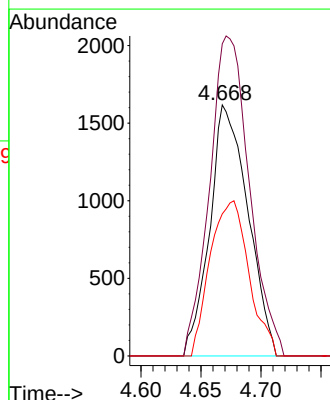
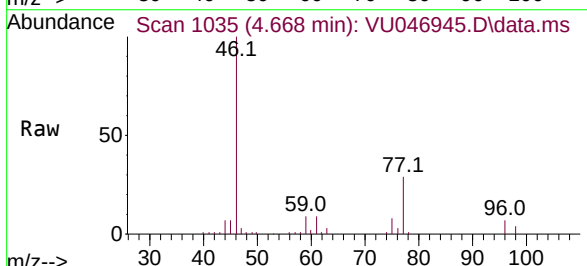
Tgt Ion: 96 Resp: 3575

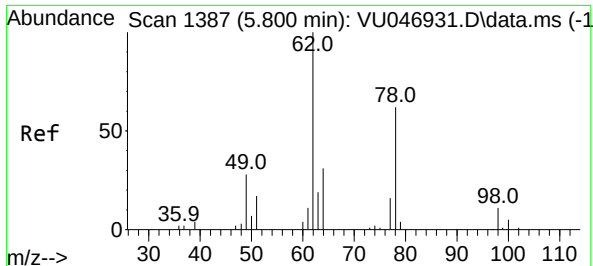
Ion Ratio Lower Upper

96 100

61 124.3 88.5 164.3

98 56.6 44.4 82.5

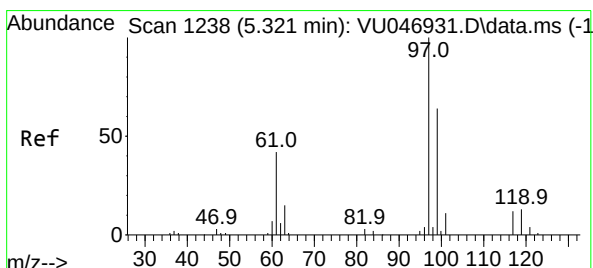
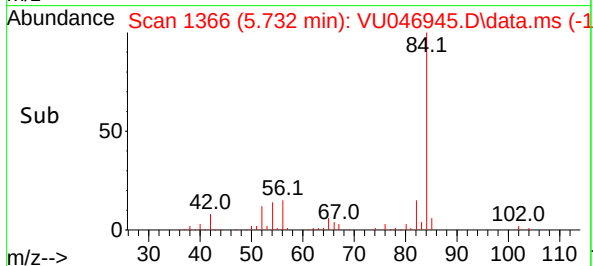
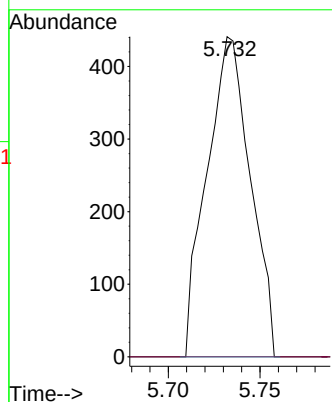
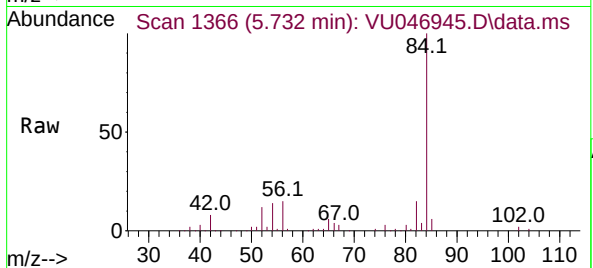




#27
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU046945.D
Acq: 01 Feb 2022 02:50

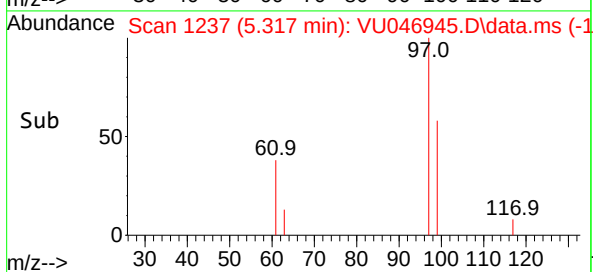
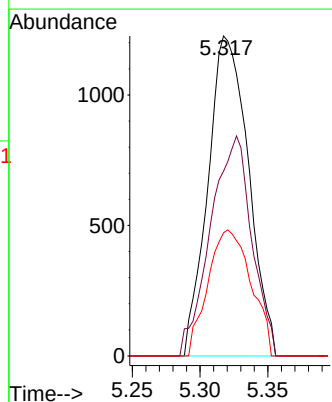
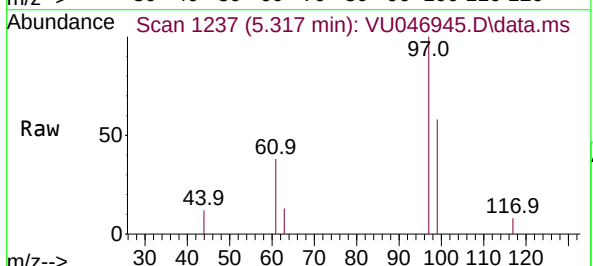
Instrument :
MSVOA_U
ClientSampleId :

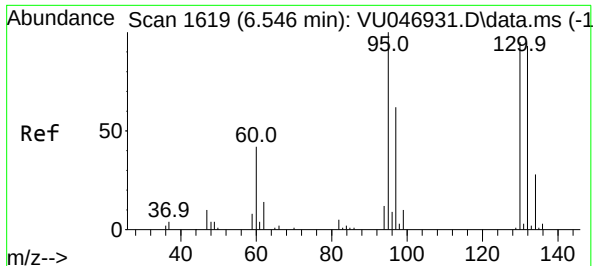
Tgt Ion: 62 Resp: 727
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#29
1,1,1-Trichloroethane
Concen: 0.243 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU046945.D
Acq: 01 Feb 2022 02:50

Tgt Ion: 97 Resp: 2547
Ion Ratio Lower Upper
97 100
99 69.9 51.3 76.9
61 41.9 36.1 54.1

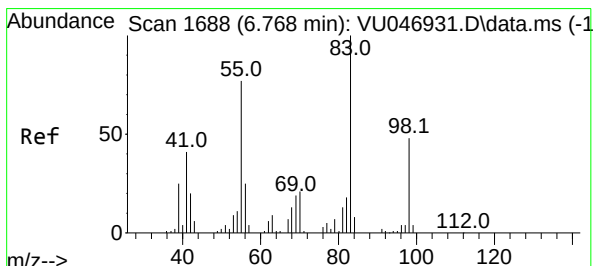
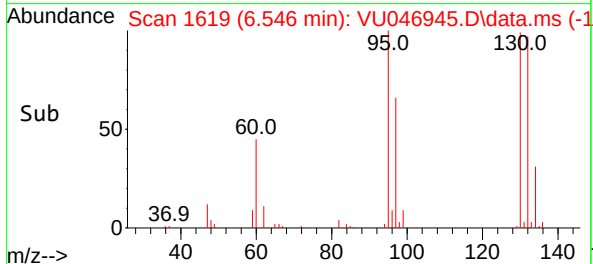
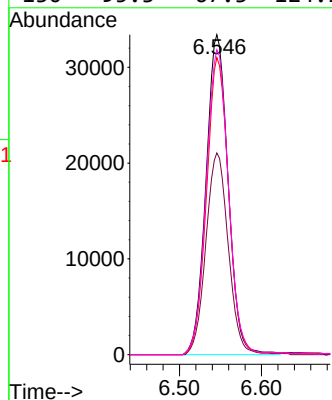
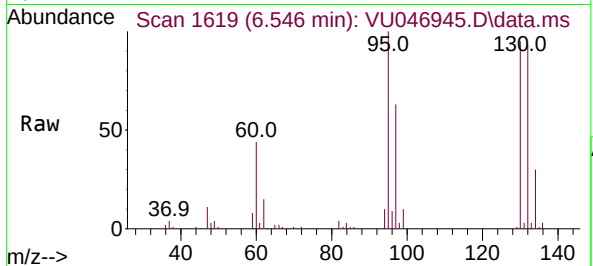




#34
Trichloroethene
Concen: 8.816 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046945.D
Acq: 01 Feb 2022 02:50

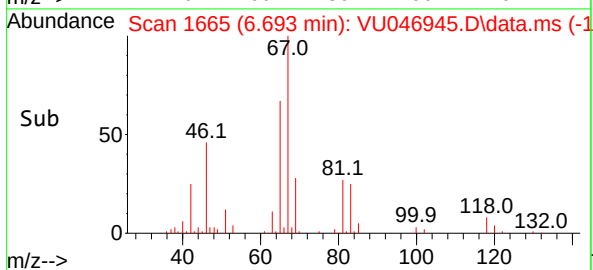
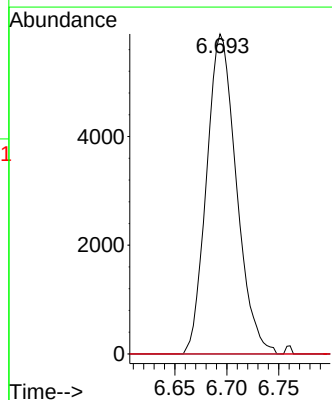
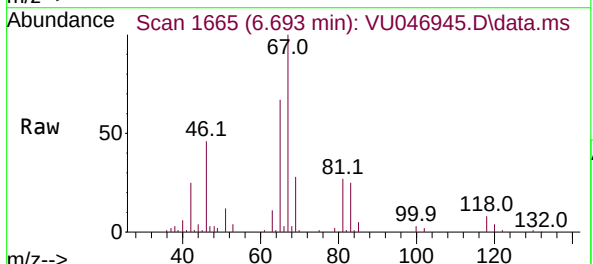
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MSVOA_U
ClientSampleId :

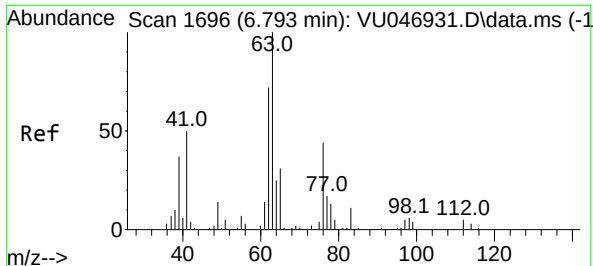
Tgt Ion: 95 Resp: 62618
Ion Ratio Lower Upper
95 100
97 63.1 46.5 86.5
132 92.9 65.1 120.9
130 95.3 67.3 124.9



#35
Methylcyclohexane
Concen: 0.988 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046945.D
Acq: 01 Feb 2022 02:50

Tgt Ion: 83 Resp: 11758
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: 0.748 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046945.D

Acq: 01 Feb 2022 02:50

Instrument :

MSVOA_U

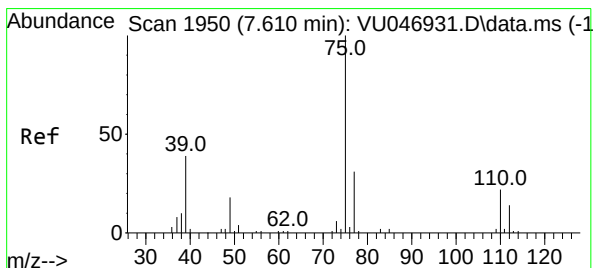
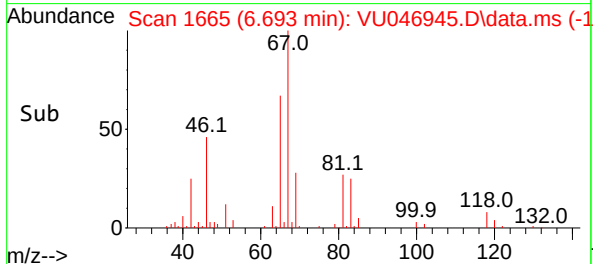
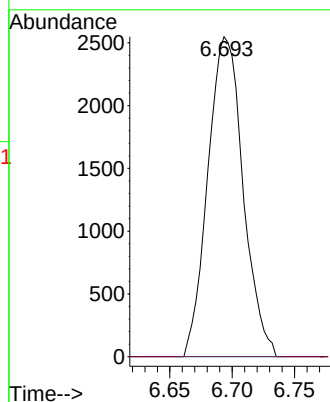
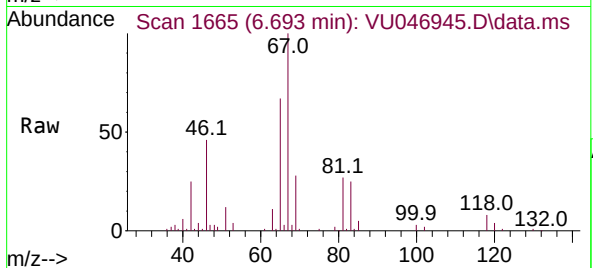
ClientSampleId :

Tgt Ion: 63 Resp: 5020

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046945.D

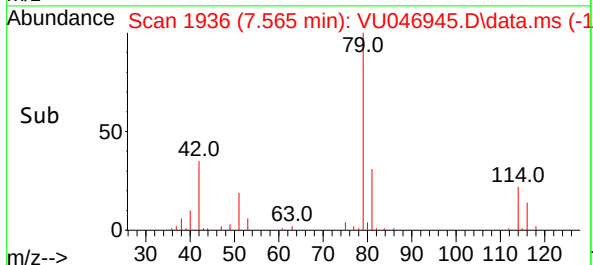
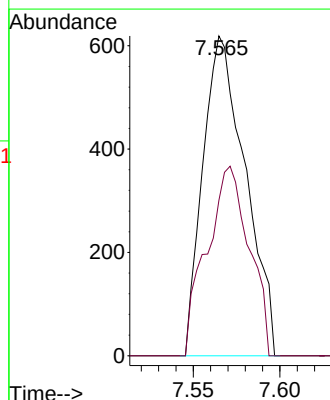
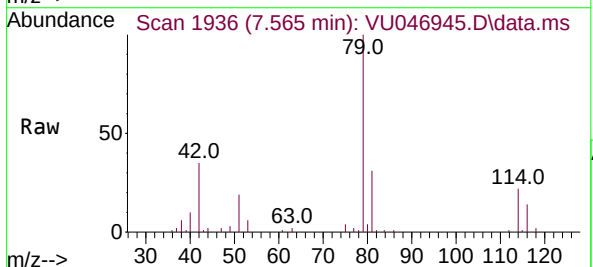
Acq: 01 Feb 2022 02:50

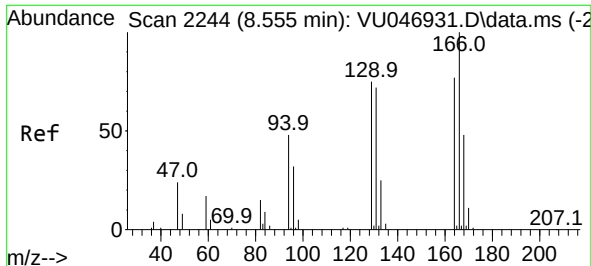
Tgt Ion: 75 Resp: 1053

Ion Ratio Lower Upper

75 100

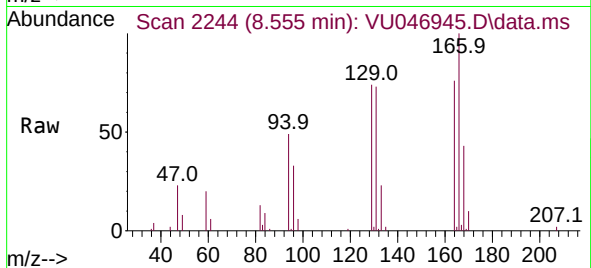
77 48.6 22.5 41.9#



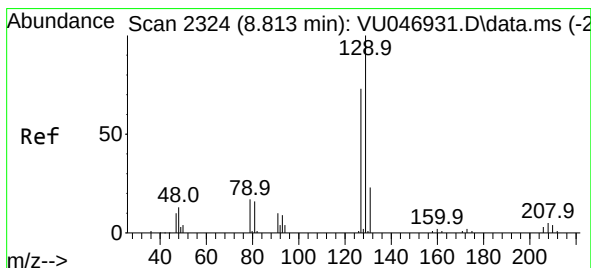
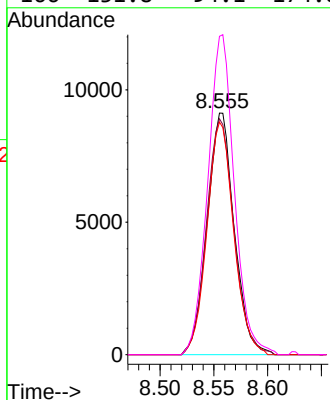
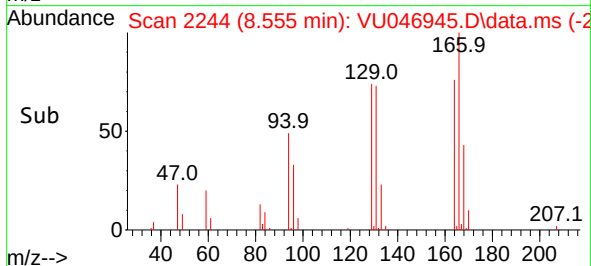


#47
Tetrachloroethene
Concen: 2.770 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046945.D
Acq: 01 Feb 2022 02:50

Instrument :
MSVOA_U
ClientSampleId :

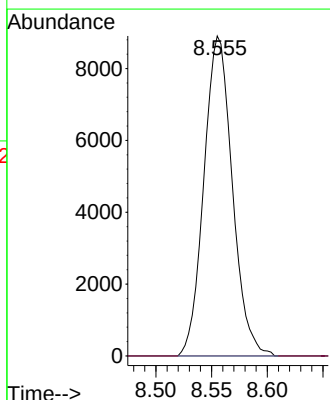
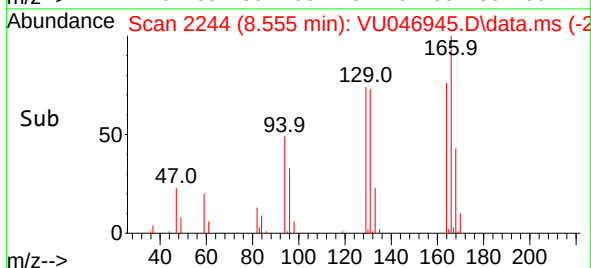
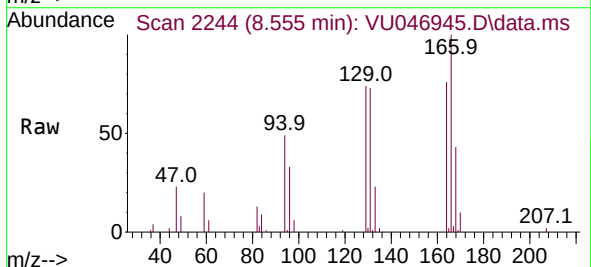


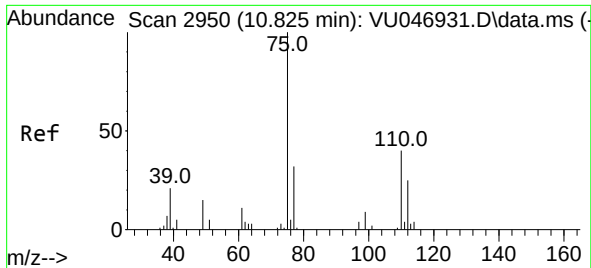
Tgt Ion:164 Resp: 16001
Ion Ratio Lower Upper
164 100
129 97.6 71.8 133.4
131 96.3 68.5 127.3
166 131.8 94.1 174.8



#49
Dibromochloromethane
Concen: 2.347 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046945.D
Acq: 01 Feb 2022 02:50

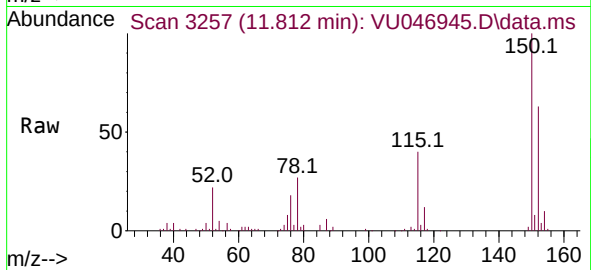
Tgt Ion:129 Resp: 15807
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
1,2,3-Trichloropropane
Concen: 1.425 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU046945.D
Acq: 01 Feb 2022 02:50

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.7	29.9	44.9#
77	31.7	25.5	38.3

