

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047011.D
 Acq On : 02 Feb 2022 19:05
 Operator : SY/MD
 Sample : N1349-07 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP6

Quant Time: Feb 03 03:02:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95908	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	112168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48065	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41862	5.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.919	69	34635	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.571	65	16713	5.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.400%
20) 2-Butanone-d5	4.639	46	101917	42.332	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.660%
24) Chloroform-d	5.070	84	72105	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.706	65	38825	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.732	84	138616	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.693	67	44886	4.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.902	98	105619	3.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.182	79	15585	3.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.635	63	81562	31.689	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37902	3.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	38281	4.247	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%

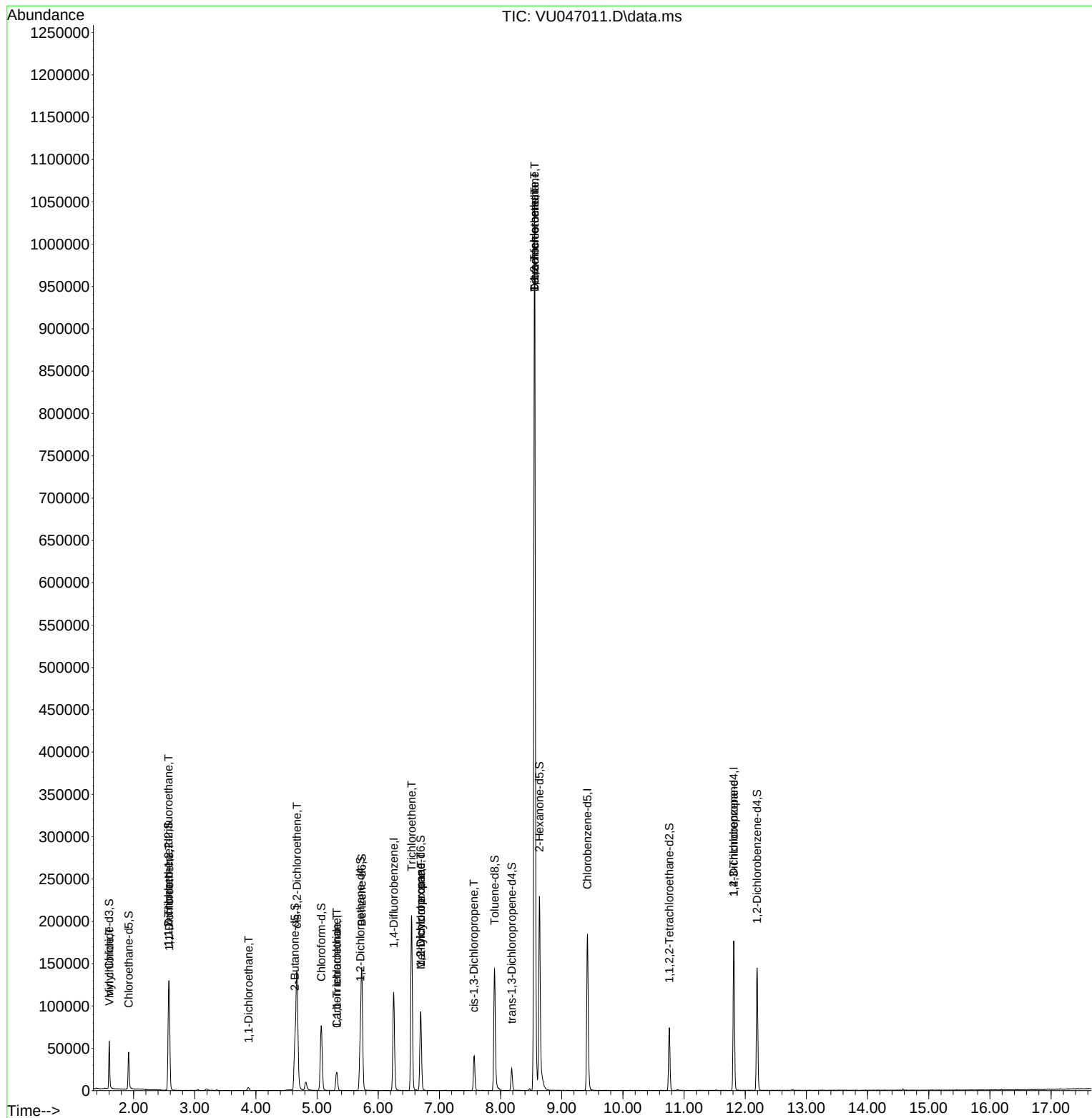
Target Compounds				Qvalue		
5) Vinyl chloride	1.607	62	748	0.097	ug/L #	33
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	399	0.071	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	24845	4.639	ug/L	94
19) 1,1-Dichloroethane	3.880	63	4398	0.452	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	62157	10.158	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	16331	1.616	ug/L	98
31) Carbon tetrachloride	5.321	117	2053	0.237	ug/L	100
34) Trichloroethene	6.546	95	72230	10.534	ug/L	99
35) Methylcyclohexane	6.697	83	10764	0.937	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	4765	0.735	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	937	0.093	ug/L #	68
45) 1,1,2-Trichloroethane	8.552	97	2084	0.378	ug/L #	1
47) Tetrachloroethene	8.555	164	237757	42.635	ug/L	95
49) Dibromochloromethane	8.555	129	231067	35.540	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6095	1.497	ug/L #	66

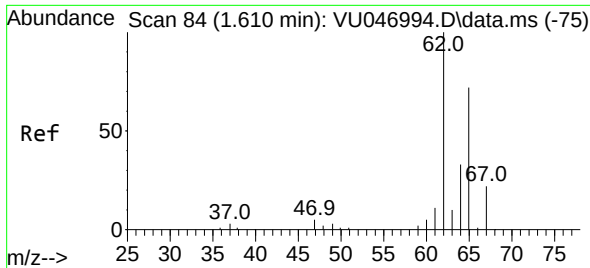
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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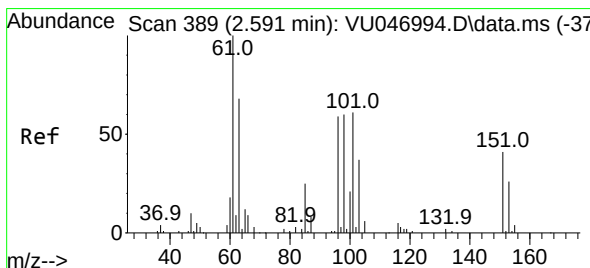
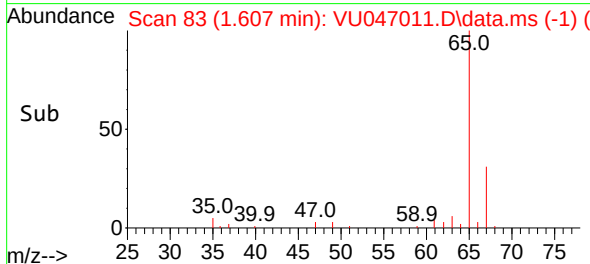
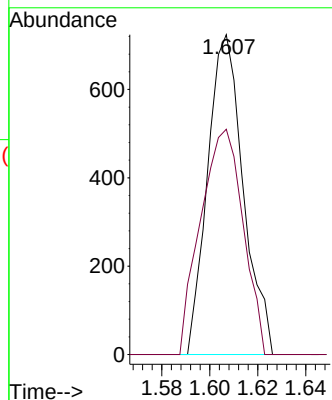
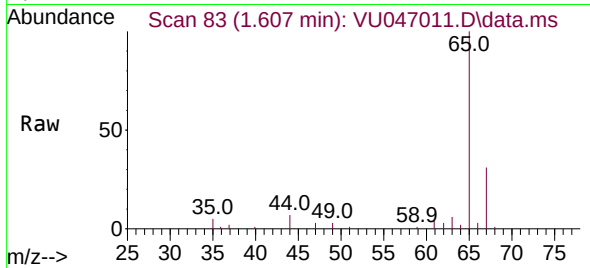




#5
 Vinyl chloride
 Concen: 0.097 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047011.D
 Acq: 02 Feb 2022 19:05

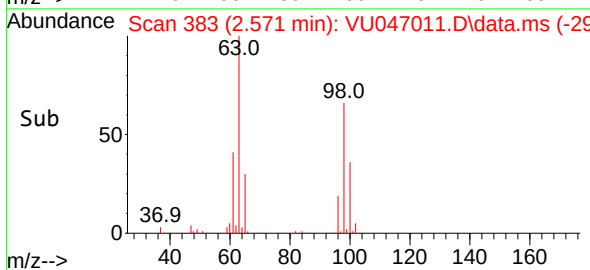
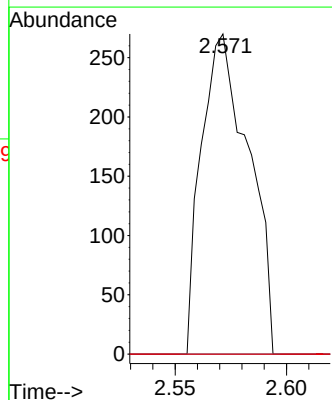
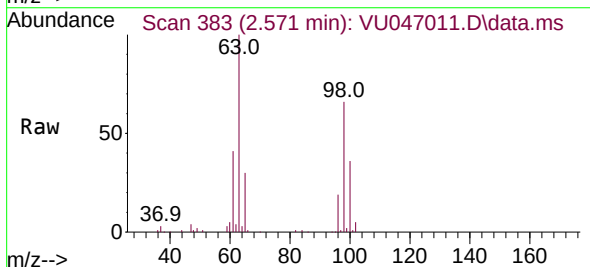
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP6

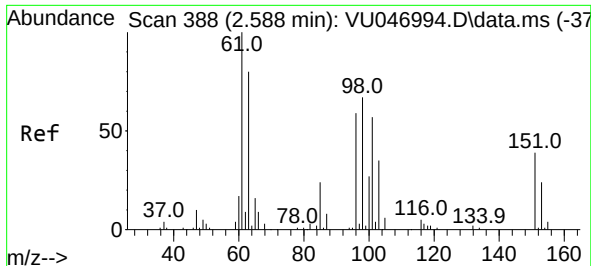
Tgt Ion: 62 Resp: 748
 Ion Ratio Lower Upper
 62 100
 64 70.4 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.071 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.020 min
 Lab File: VU047011.D
 Acq: 02 Feb 2022 19:05

Tgt Ion: 101 Resp: 399
 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: 4.639 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU047011.D

Acq: 02 Feb 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

C0HP6

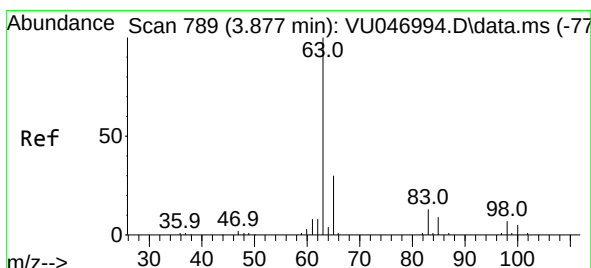
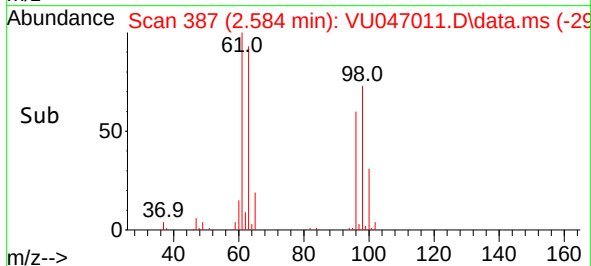
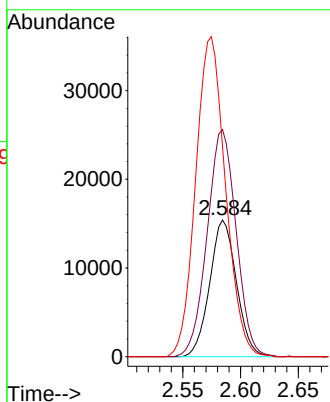
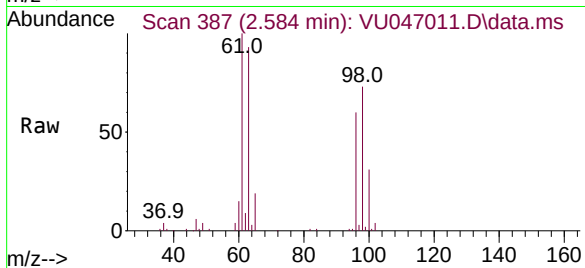
Tgt Ion: 96 Resp: 24845

Ion Ratio Lower Upper

96 100

61 166.3 124.7 231.5

63 153.9 105.2 195.4



#19

1,1-Dichloroethane

Concen: 0.452 ug/L

RT: 3.880 min Scan# 790

Delta R.T. 0.003 min

Lab File: VU047011.D

Acq: 02 Feb 2022 19:05

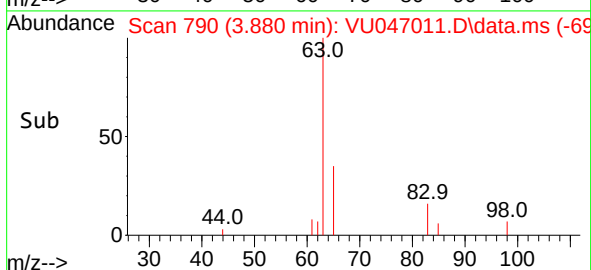
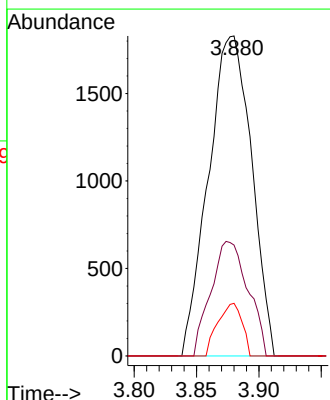
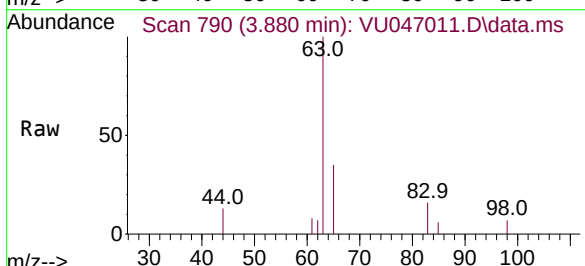
Tgt Ion: 63 Resp: 4398

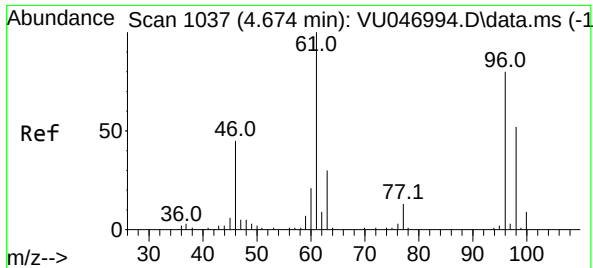
Ion Ratio Lower Upper

63 100

65 34.7 22.3 41.5

83 16.5 9.6 17.8

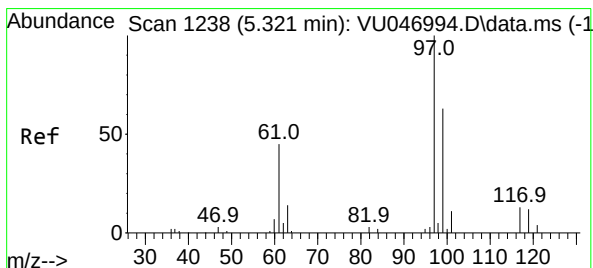
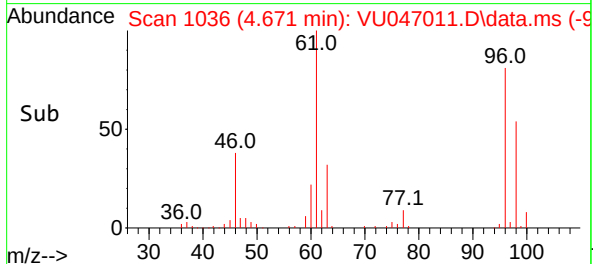
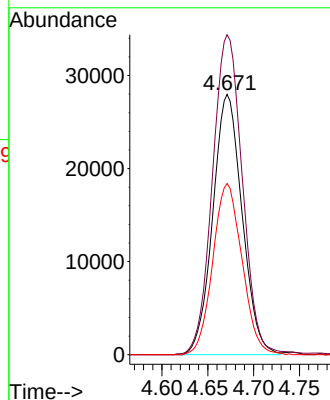
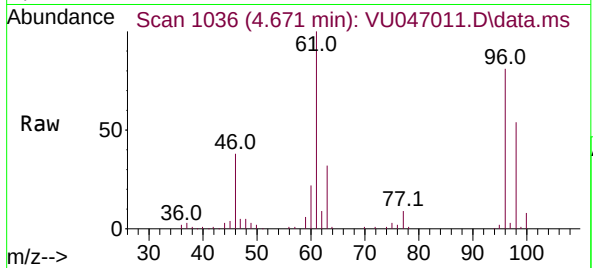




#22
 cis-1,2-Dichloroethene
 Concen: 10.158 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU047011.D
 Acq: 02 Feb 2022 19:05

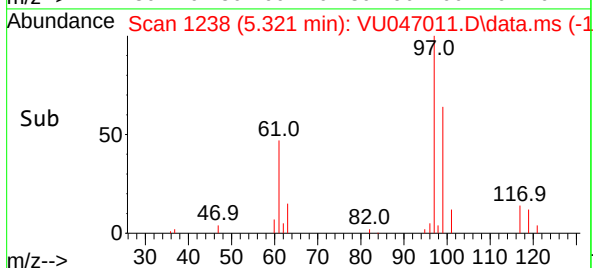
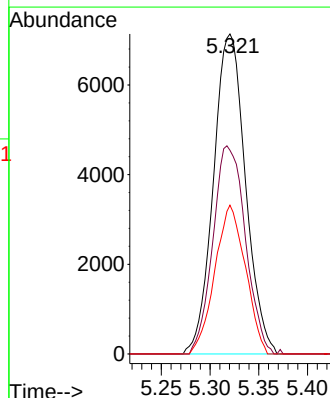
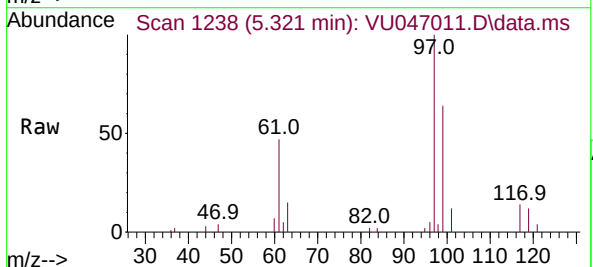
Instrument :
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 ClientSampleId :
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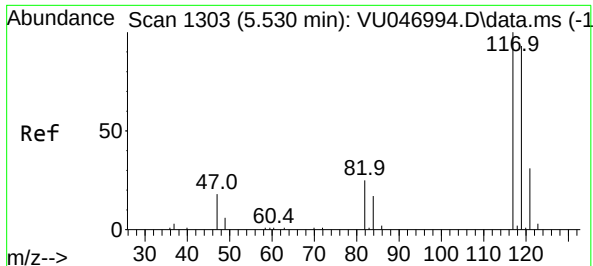
Tgt Ion: 96 Resp: 62157
 Ion Ratio Lower Upper
 96 100
 61 122.9 88.5 164.3
 98 65.8 44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 1.616 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VU047011.D
 Acq: 02 Feb 2022 19:05

Tgt Ion: 97 Resp: 16331
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.3 76.9
 61 44.4 36.1 54.1

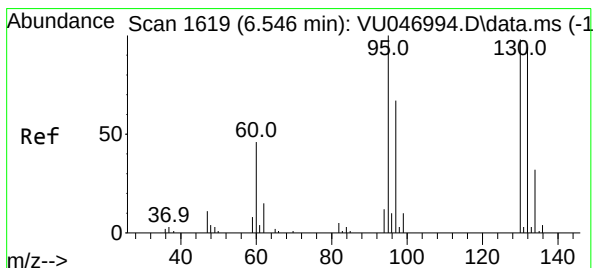
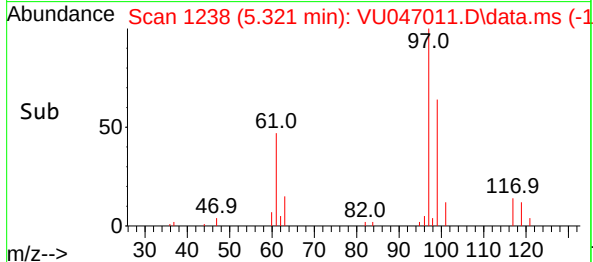
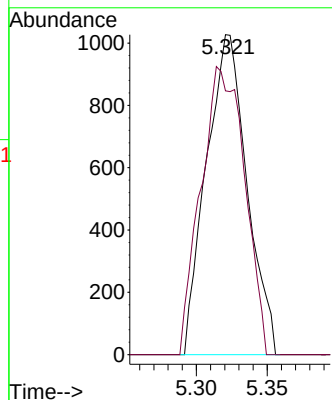
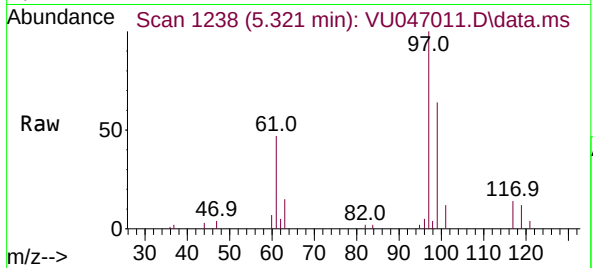




#31
Carbon tetrachloride
Concen: 0.237 ug/L
RT: 5.321 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU047011.D
Acq: 02 Feb 2022 19:05

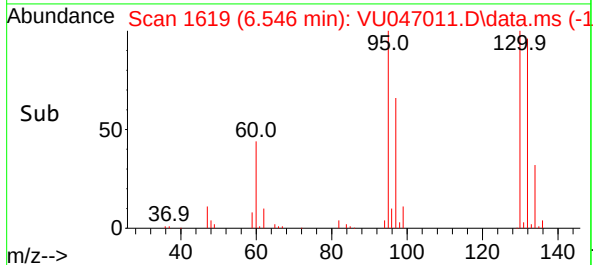
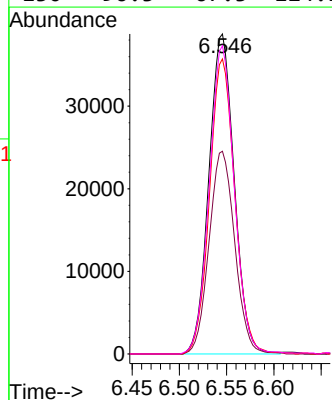
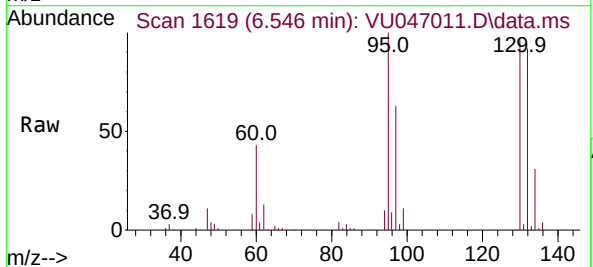
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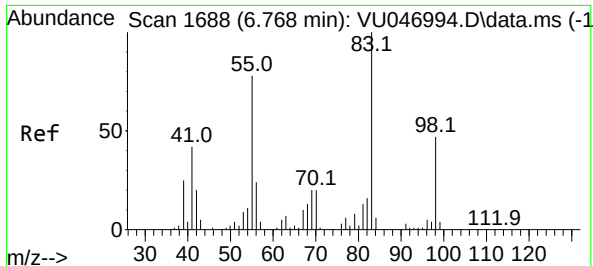
Tgt Ion:117 Resp: 2053
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3



#34
Trichloroethene
Concen: 10.534 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047011.D
Acq: 02 Feb 2022 19:05

Tgt Ion: 95 Resp: 72230
Ion Ratio Lower Upper
95 100
97 63.3 46.5 86.5
132 92.2 65.1 120.9
130 96.3 67.3 124.9





#35

Methylcyclohexane

Concen: 0.937 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU047011.D

Acq: 02 Feb 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

C0HP6

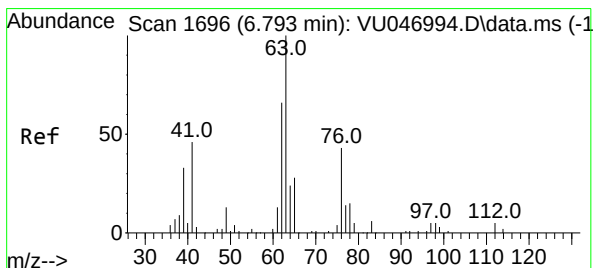
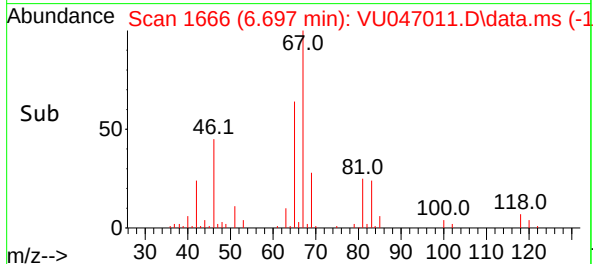
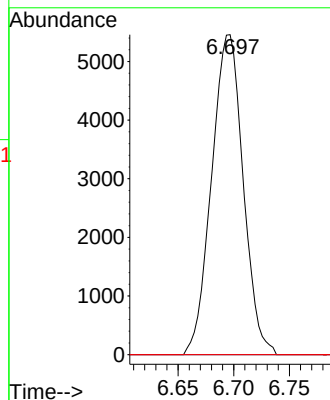
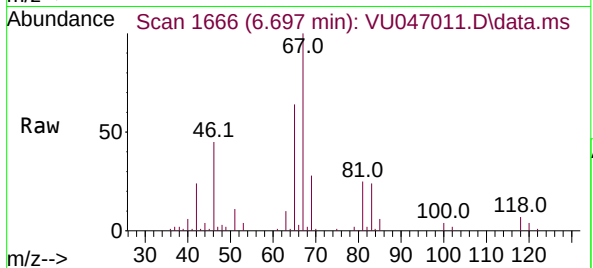
Tgt Ion: 83 Resp: 10764

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: 0.735 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047011.D

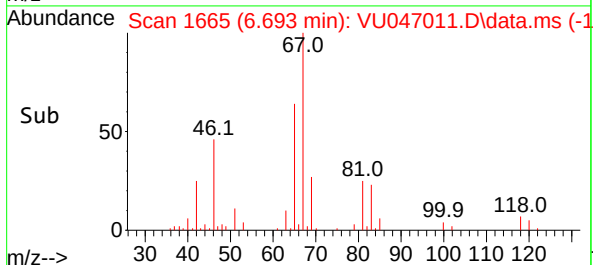
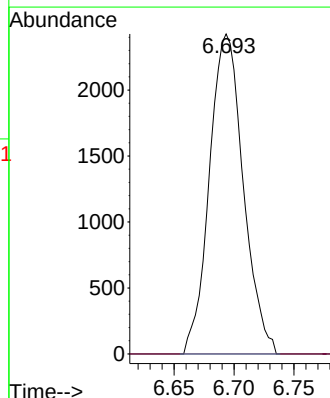
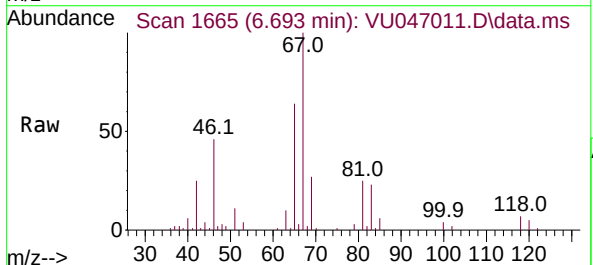
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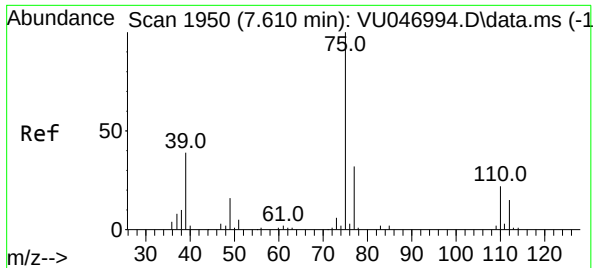
Tgt Ion: 63 Resp: 4765

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

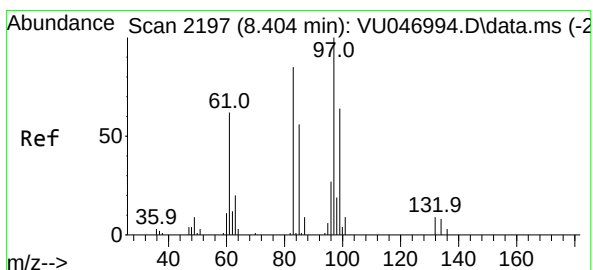
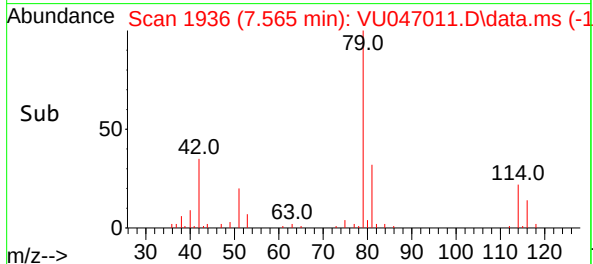
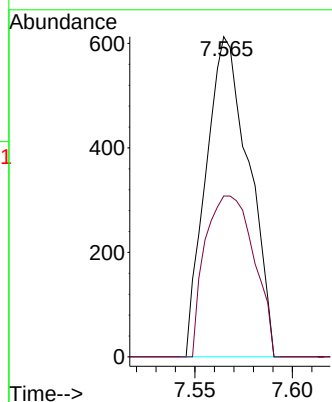
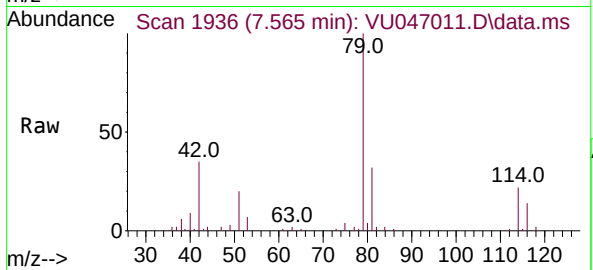




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.565 min Scan# 1950
 Delta R.T. -0.045 min
 Lab File: VU047011.D
 Acq: 02 Feb 2022 19:05

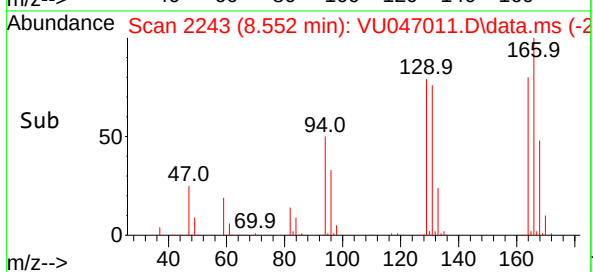
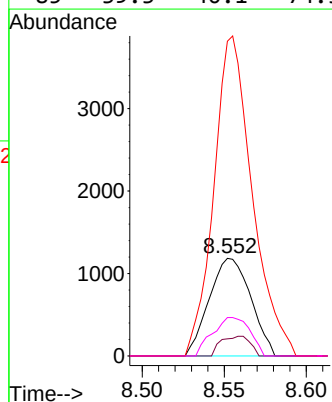
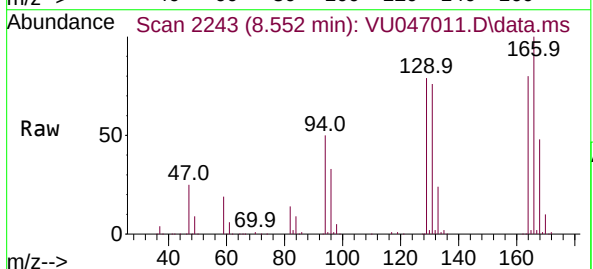
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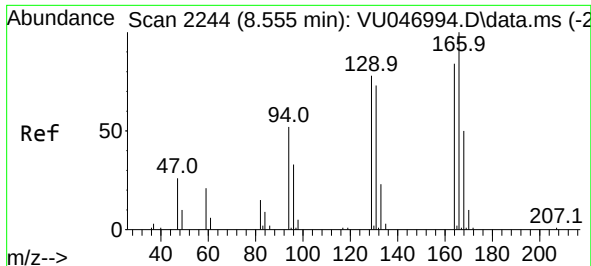
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 Ion Ratio Lower Upper
 75 100
 77 50.2 22.5 41.9#



#45
 1,1,2-Trichloroethane
 Concen: 0.378 ug/L
 RT: 8.552 min Scan# 2243
 Delta R.T. 0.148 min
 Lab File: VU047011.D
 Acq: 02 Feb 2022 19:05

Tgt Ion: 97 Resp: 2084
 Ion Ratio Lower Upper
 97 100
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 83 322.1 62.0 115.2#
 85 39.3 40.1 74.5#

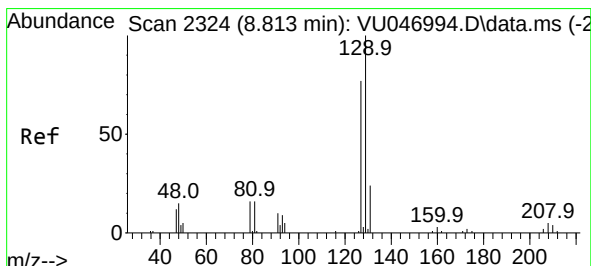
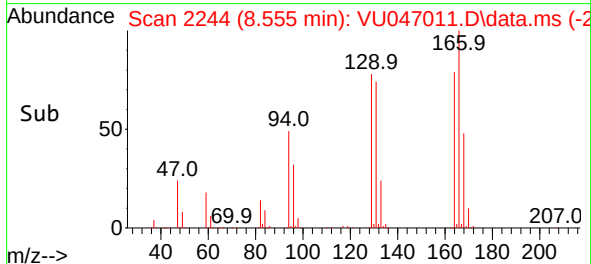
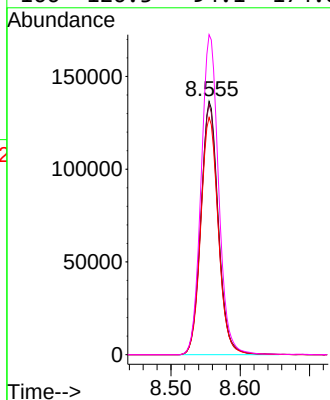
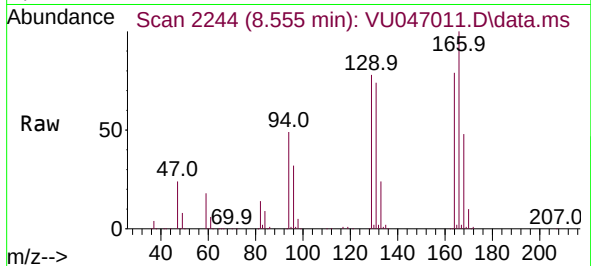




#47
Tetrachloroethene
Concen: 42.635 ug/L
RT: 8.555 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU047011.D
Acq: 02 Feb 2022 19:05

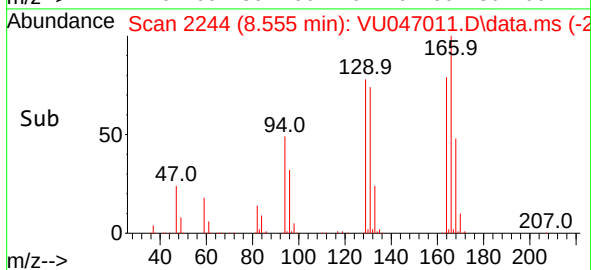
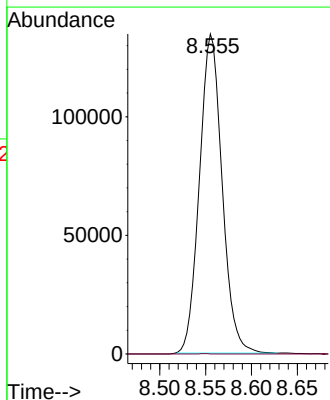
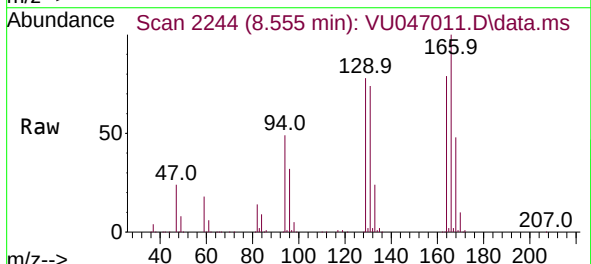
Instrument :
MSVOA_U
ClientSampleId :
C0HP6

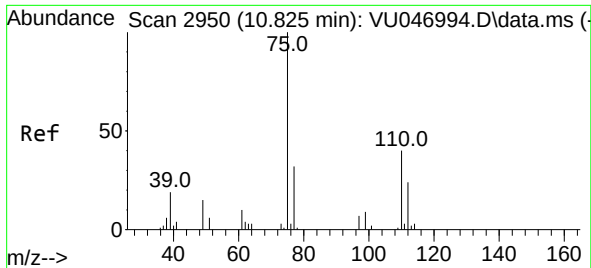
Tgt Ion:164 Resp: 237757
Ion Ratio Lower Upper
164 100
129 98.8 71.8 133.4
131 93.7 68.5 127.3
166 126.3 94.1 174.8



#49
Dibromochloromethane
Concen: 35.540 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047011.D
Acq: 02 Feb 2022 19:05

Tgt Ion:129 Resp: 231067
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.497 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047011.D
 Acq: 02 Feb 2022 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP6

Tgt Ion: 75 Resp: 6095
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 31.6 25.5 38.3

