

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046903.D
 Acq On : 28 Jan 2022 19:26
 Operator : SY/MD
 Sample : N1273-17 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL5

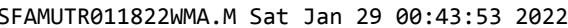
Quant Time: Jan 29 00:43:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

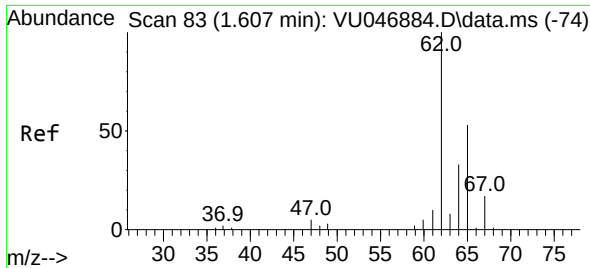
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93339	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	102800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	43569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29439	3.722	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.919	69	29667	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.571	65	13609	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.652	46	115493	49.291	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.580%
24) Chloroform-d	5.066	84	69520	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.706	65	39149	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.732	84	128803	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.693	67	45472	5.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.902	98	99589	3.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.182	79	14938	3.750	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.635	63	103990	44.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41025	4.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	38264	4.683	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
5) Vinyl chloride	1.607	62	2636	0.350	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	706	0.129	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	129399	24.828	ug/L #	66
19) 1,1-Dichloroethane	3.874	63	2252	0.238	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	26184	4.397	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	69604	7.517	ug/L	99
31) Carbon tetrachloride	5.324	117	8732	1.099	ug/L	98
34) Trichloroethene	6.546	95	632468	100.647	ug/L	99
35) Methylcyclohexane	6.693	83	10911	1.037	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	5152	0.868	ug/L #	88
38) Bromodichloromethane	7.111	83	396	0.046	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1056	0.114	ug/L #	60
47) Tetrachloroethene	8.555	164	298917	58.487	ug/L	96
49) Dibromochloromethane	8.555	129	293312	49.225	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	5471	1.482	ug/L #	67

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

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QLast Update : Sat Jan 29 00:38:36 2022
Response via : Initial Calibration

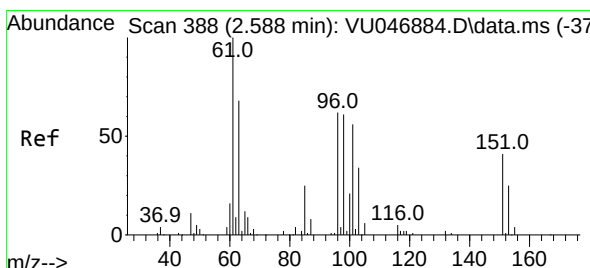
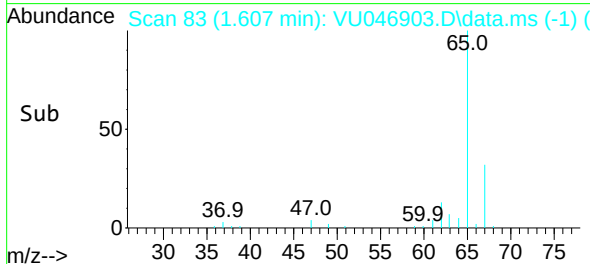
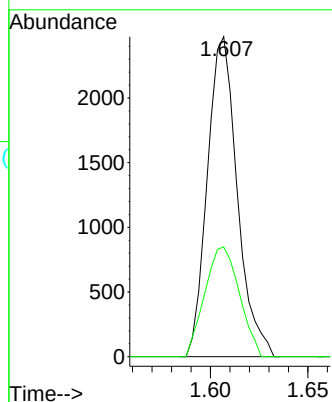
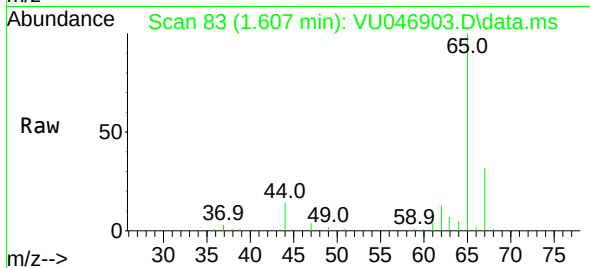




#5
 Vinyl chloride
 Concen: 0.350 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU046903.D
 Acq: 28 Jan 2022 19:26

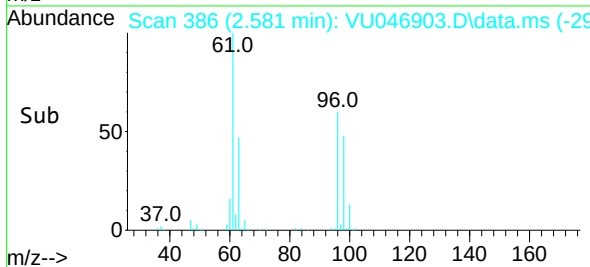
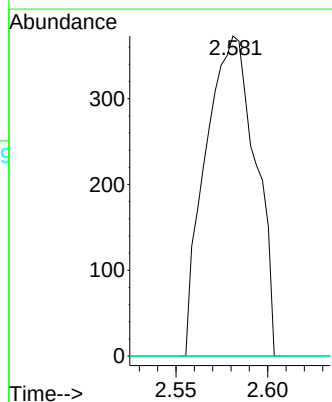
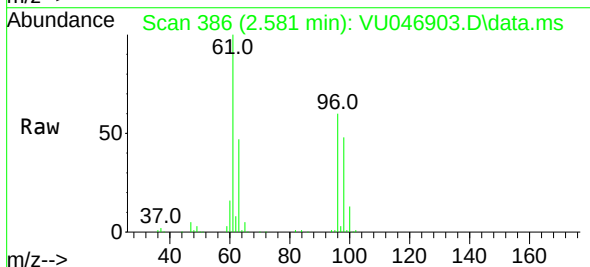
Instrument :
 MSVOA_U
 ClientSampleId :
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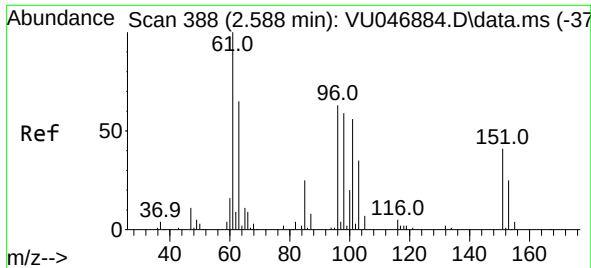
Tgt Ion: 62 Resp: 2636
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.129 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU046903.D
 Acq: 28 Jan 2022 19:26

Tgt Ion: 101 Resp: 706
 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: 24.828 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU046903.D

Acq: 28 Jan 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

COHL5

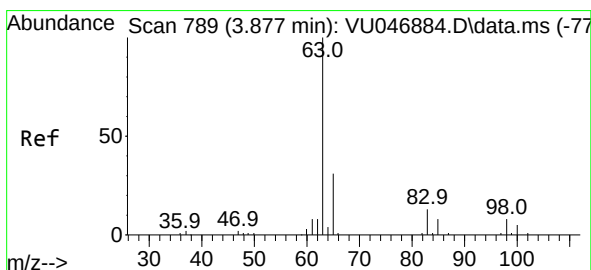
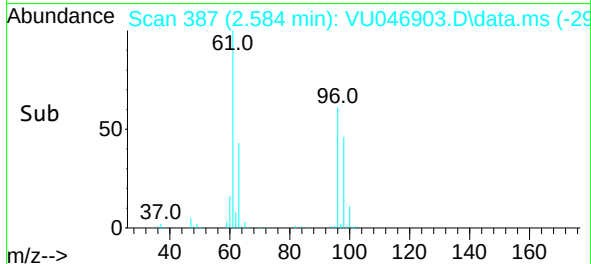
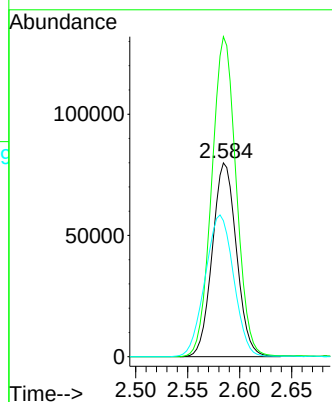
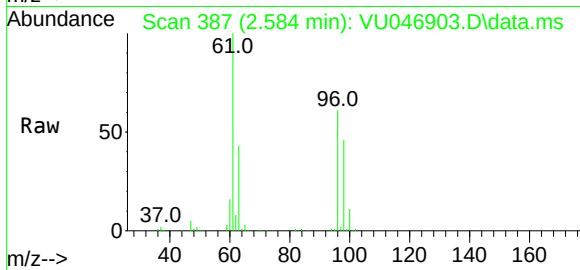
Tgt Ion: 96 Resp: 129399

Ion Ratio Lower Upper

96 100

61 165.1 124.7 231.5

63 70.2 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.238 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046903.D

Acq: 28 Jan 2022 19:26

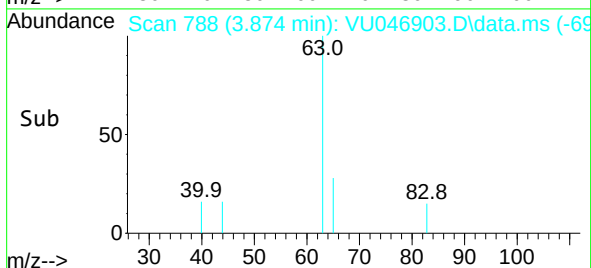
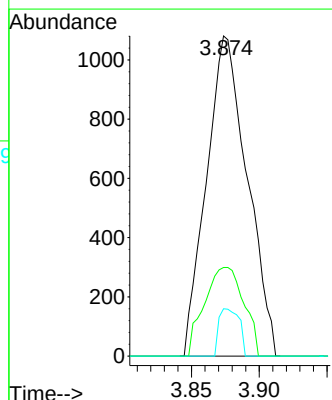
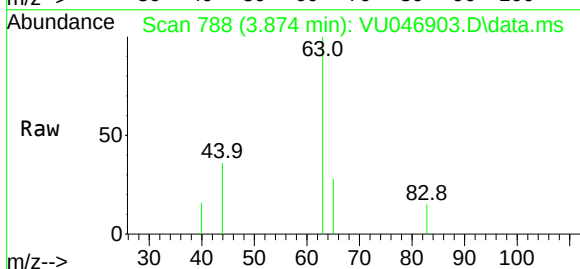
Tgt Ion: 63 Resp: 2252

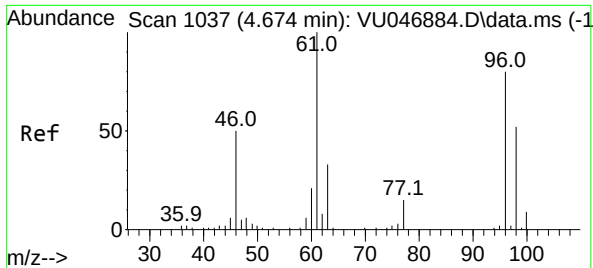
Ion Ratio Lower Upper

63 100

65 27.7 22.3 41.5

83 14.8 9.6 17.8

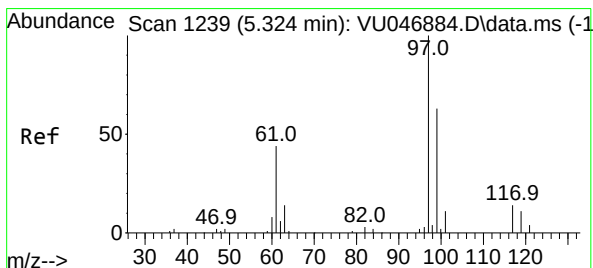
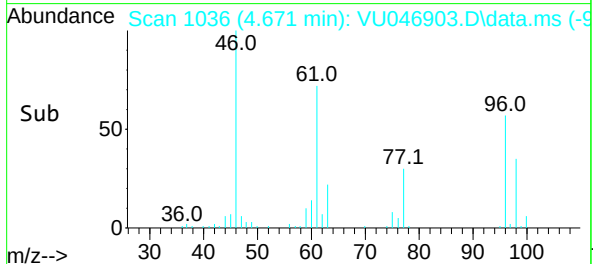
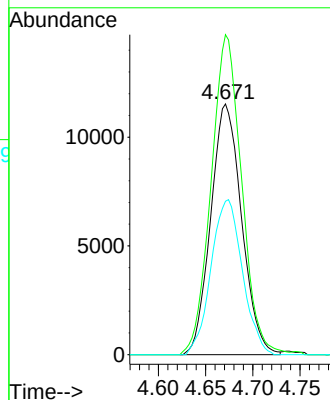
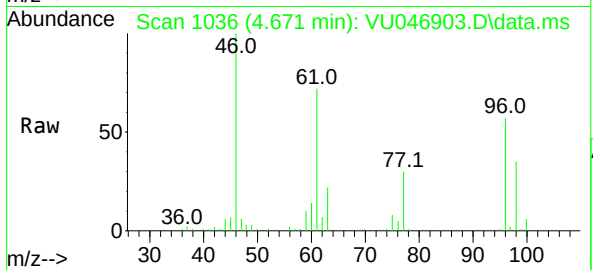




#22
 cis-1,2-Dichloroethene
 Concen: 4.397 ug/L
 RT: 4.671 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU046903.D
 Acq: 28 Jan 2022 19:26

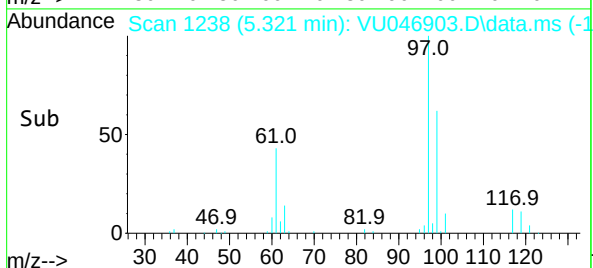
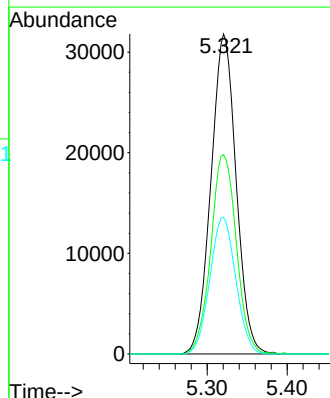
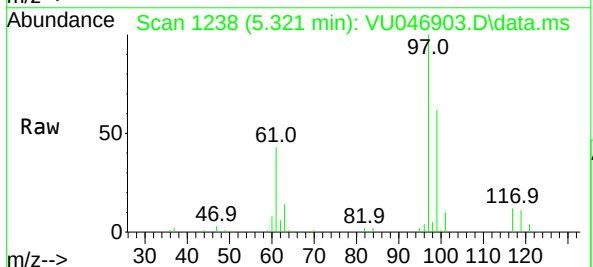
Instrument :
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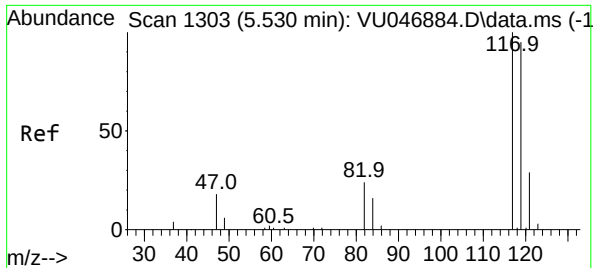
Tgt Ion: 96 Resp: 26184
 Ion Ratio Lower Upper
 96 100
 61 127.6 88.5 164.3
 98 61.2 44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 7.517 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.003 min
 Lab File: VU046903.D
 Acq: 28 Jan 2022 19:26

Tgt Ion: 97 Resp: 69604
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.3 76.9
 61 43.9 36.1 54.1

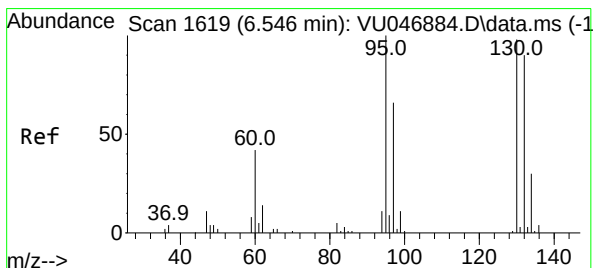
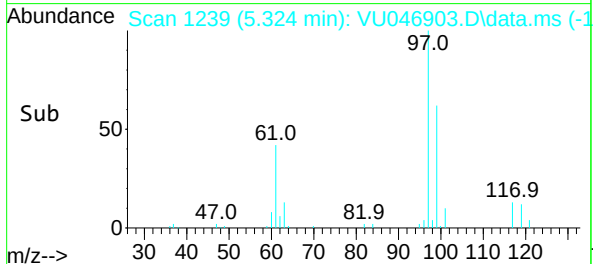
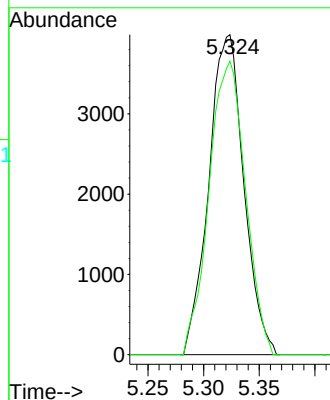
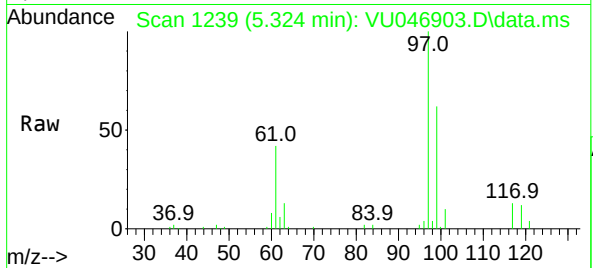




#31
Carbon tetrachloride
Concen: 1.099 ug/L
RT: 5.324 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

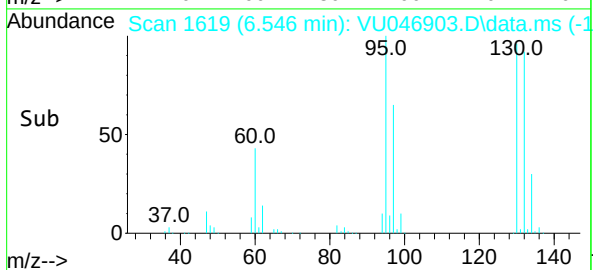
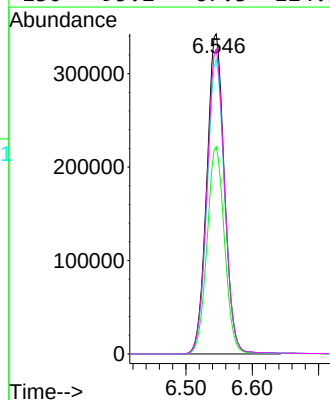
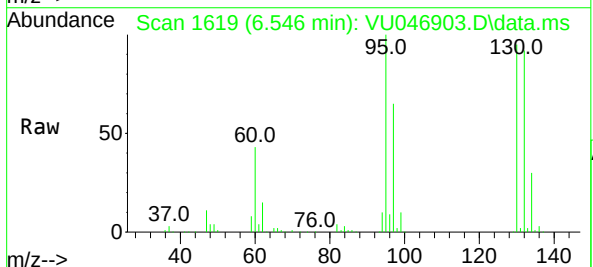
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ClientSampleId :
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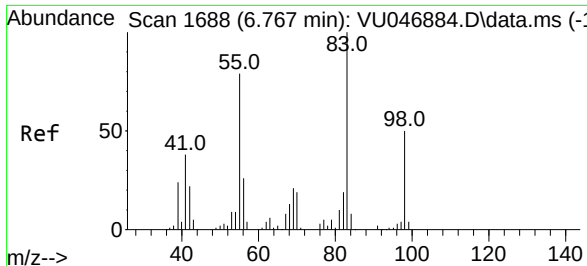
Tgt Ion:117 Resp: 8732
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3



#34
Trichloroethene
Concen: 100.647 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

Tgt Ion: 95 Resp: 632468
Ion Ratio Lower Upper
95 100
97 64.7 46.5 86.5
132 91.9 65.1 120.9
130 95.2 67.3 124.9

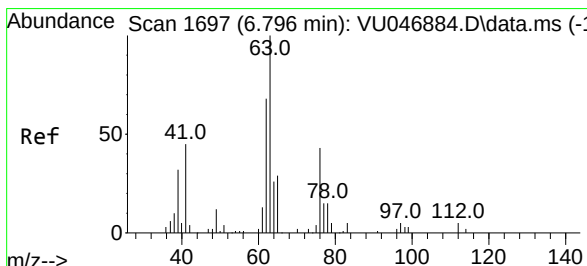
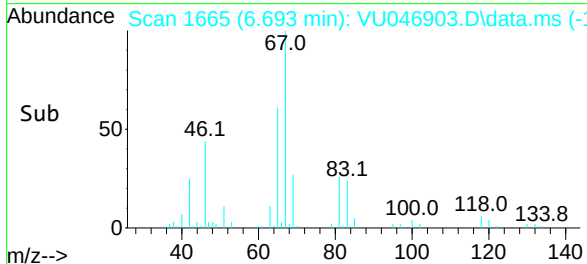
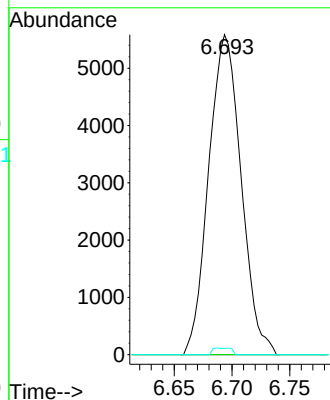
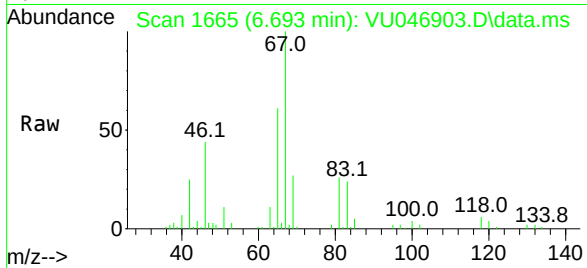




#35
Methylcyclohexane
Concen: 1.037 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

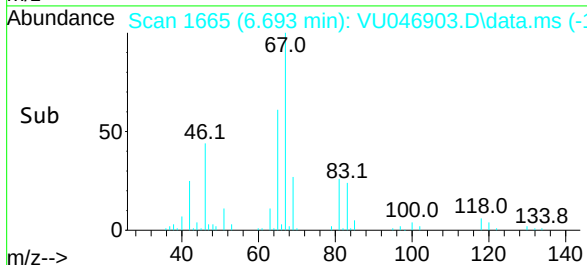
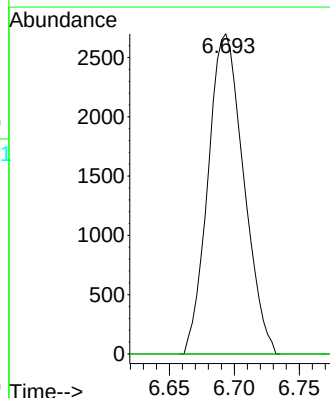
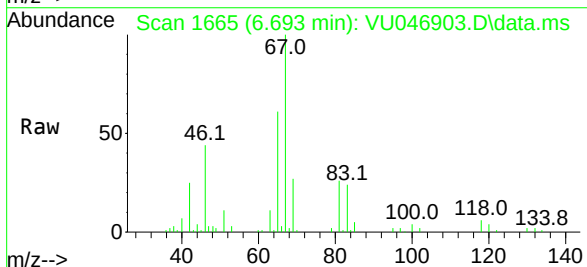
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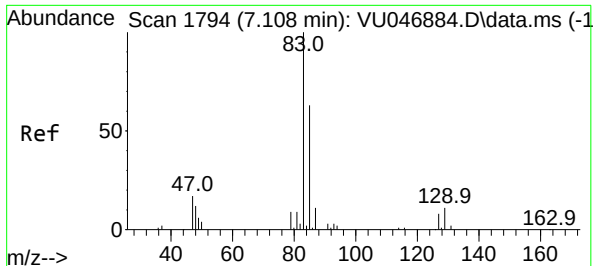
Tgt Ion: 83 Resp: 10911
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.868 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

Tgt Ion: 63 Resp: 5152
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

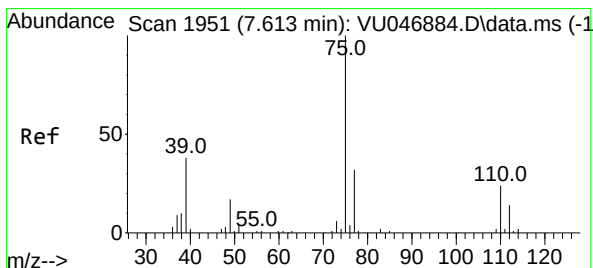
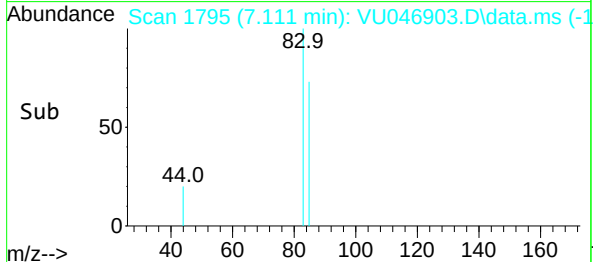
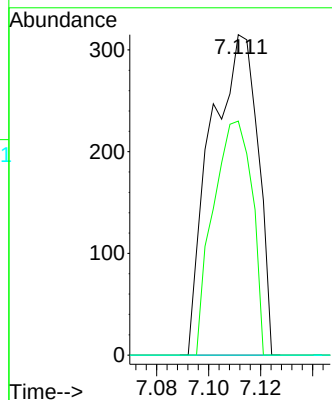
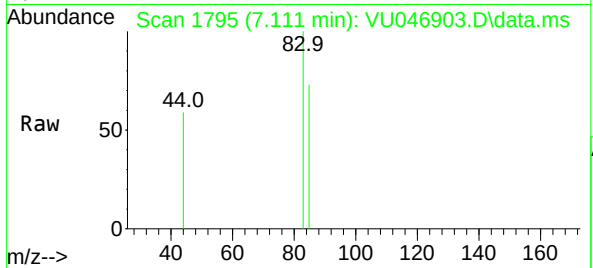




#38
Bromodichloromethane
Concen: 0.046 ug/L
RT: 7.111 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

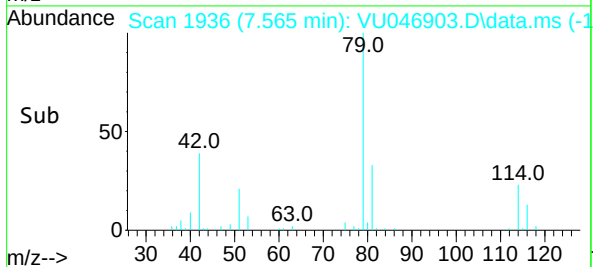
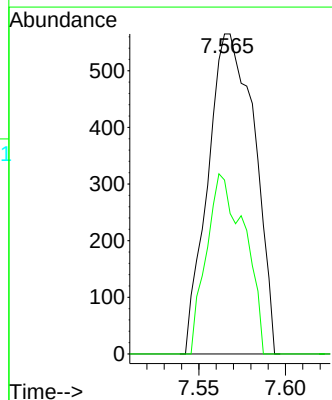
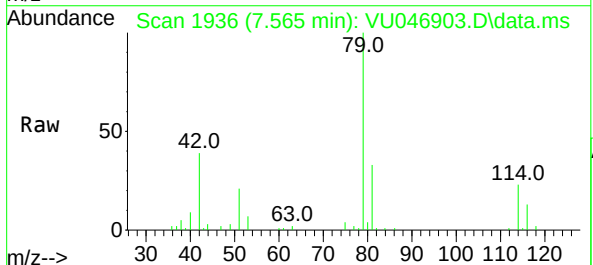
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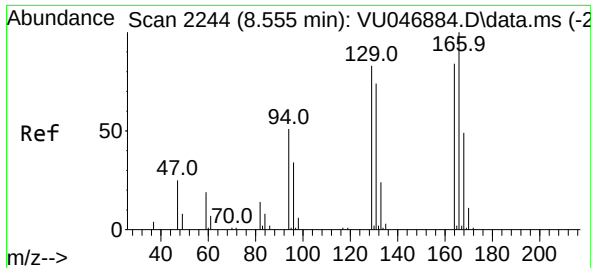
Tgt Ion: 83 Resp: 396
Ion Ratio Lower Upper
83 100
85 73.0 44.0 81.8
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.048 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

Tgt Ion: 75 Resp: 1056
Ion Ratio Lower Upper
75 100
77 54.3 22.5 41.9#

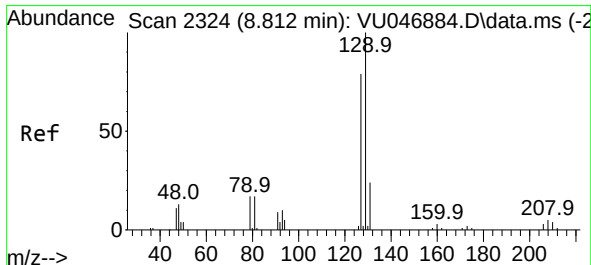
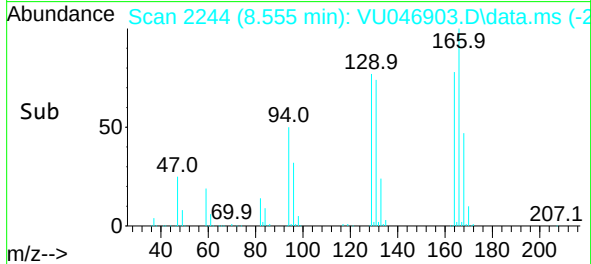
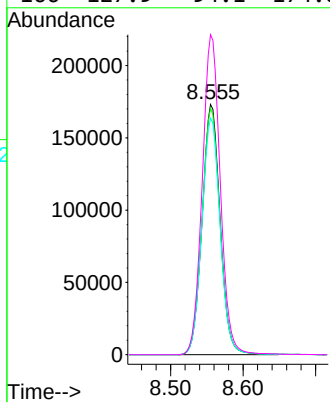
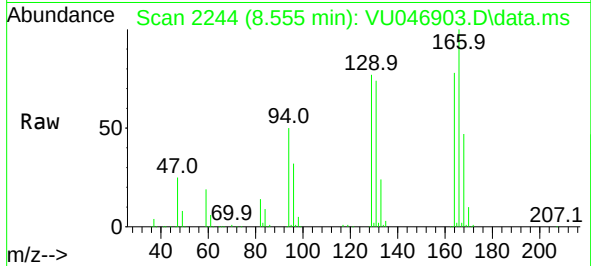




#47
Tetrachloroethene
Concen: 58.487 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

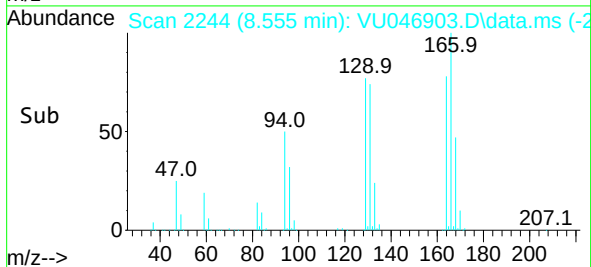
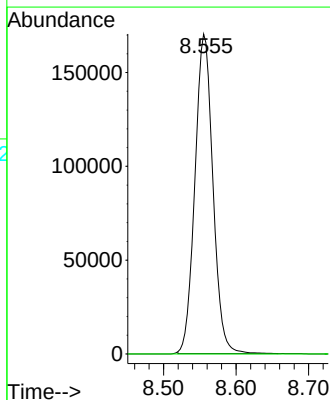
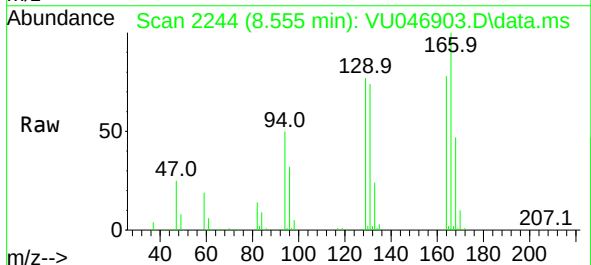
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ClientSampleId :
COHL5

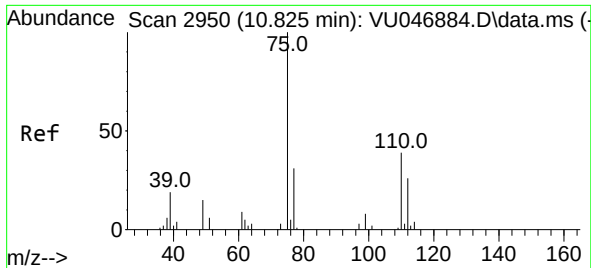
Tgt Ion:164 Resp: 298917
Ion Ratio Lower Upper
164 100
129 98.5 71.8 133.4
131 94.5 68.5 127.3
166 127.9 94.1 174.8



#49
Dibromochloromethane
Concen: 49.225 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

Tgt Ion:129 Resp: 293312
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.482 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046903.D
 Acq: 28 Jan 2022 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL5

Tgt Ion: 75 Resp: 5471
 Ion Ratio Lower Upper
 75 100
 110 1.3 29.9 44.9#
 77 31.6 25.5 38.3

