

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050422\
 Data File : VU048411.D
 Acq On : 04 May 2022 12:28
 Operator : SY/MD
 Sample : N2668-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL68

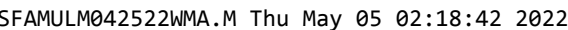
Quant Time: May 05 02:18:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 05 02:16:45 2022
 Response via : Initial Calibration

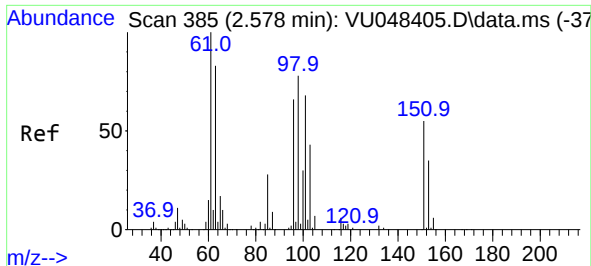
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	401225	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	406957	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	179768	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	204762	55.498	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.000%
7) Chloroethane-d5	1.893	69	149370	57.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.360%
11) 1,1-Dichloroethene-d2	2.562	63	236151	39.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.900%
21) 2-Butanone-d5	4.620	46	308303	97.972	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.970%
24) Chloroform-d	5.063	84	324291	48.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.920%
26) 1,2-Dichloroethane-d4	5.700	65	199036	50.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.260%
32) Benzene-d6	5.726	84	699046	54.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.920%
36) 1,2-Dichloropropane-d6	6.690	67	229275	54.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.060%
41) Toluene-d8	7.899	98	600563	51.621	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.240%
43) trans-1,3-Dichloroprop...	8.179	79	89301	47.694	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.380%
47) 2-Hexanone-d5	8.635	63	220829	96.460	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	365862	49.162	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	230457	56.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.980%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2348	0.777	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	2097	0.795	ug/L #	1
22) 2-Butanone	4.713	43	3128	1.047	ug/L #	64
27) 1,2-Dichloroethane	5.726	62	3281	0.769	ug/L #	72
37) 1,2-Dichloropropane	6.690	63	21136	6.165	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	4496	0.933	ug/L #	47
44) trans-1,3-Dichloropropene	8.179	75	3416	0.725	ug/L	84
60) 1,2,3-Trichloropropane	11.812	75	18257	4.353	ug/L #	67

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

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Response via : Initial Calibration

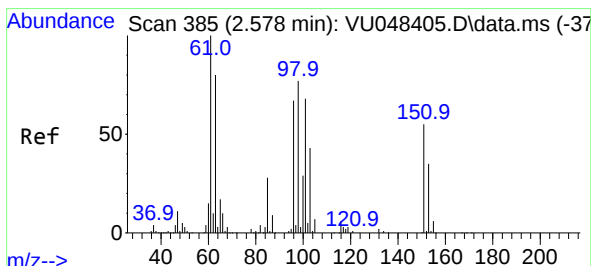
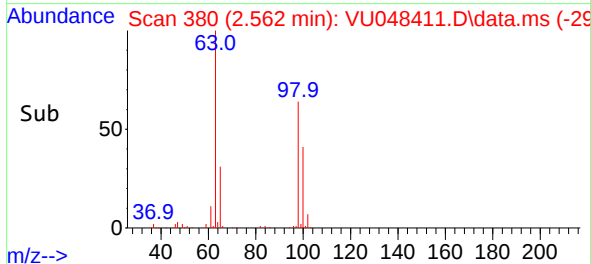
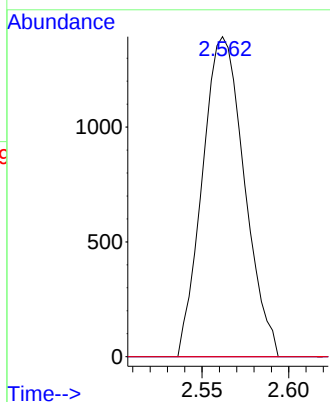
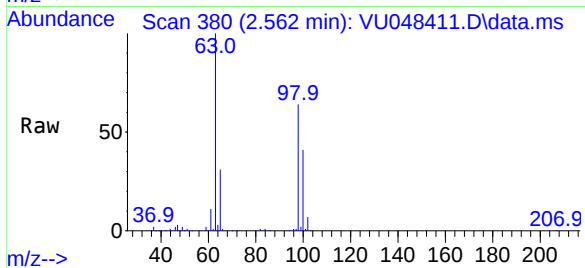




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.777 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU048411.D
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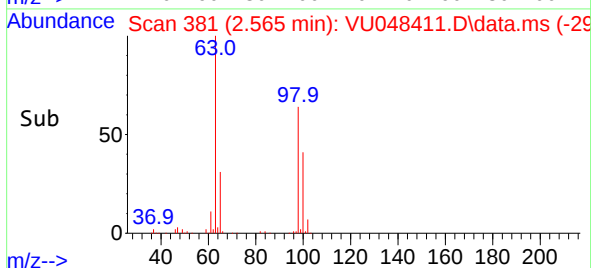
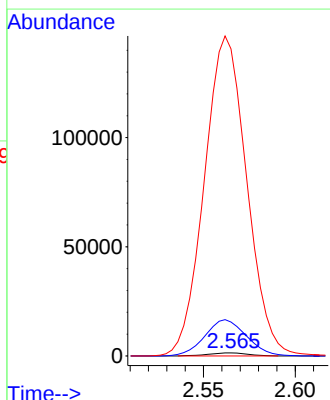
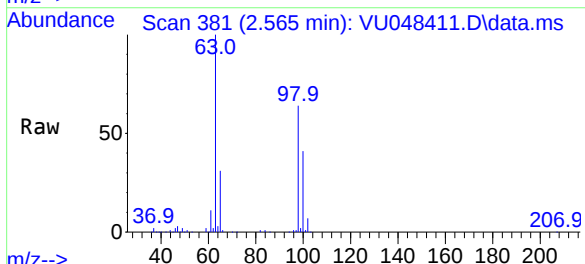
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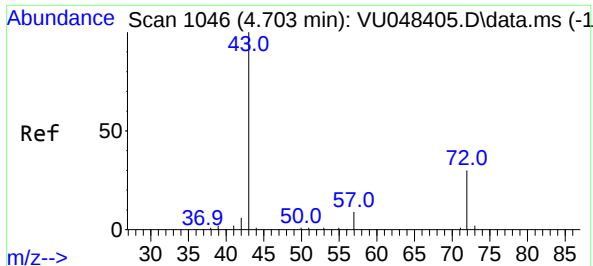
Tgt Ion:101 Resp: 2348
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#



#12
1,1-Dichloroethene
Concen: 0.795 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU048411.D
Acq: 04 May 2022 12:28

Tgt Ion: 96 Resp: 2097
Ion Ratio Lower Upper
96 100
61 1087.8 107.9 200.3#
63 9825.9 80.3 149.1#

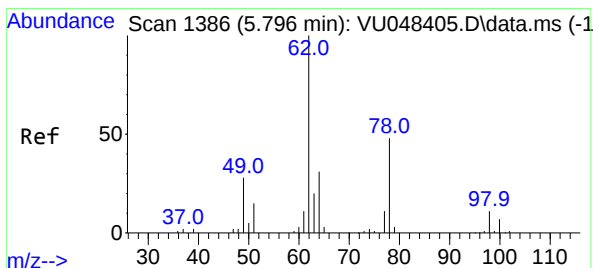
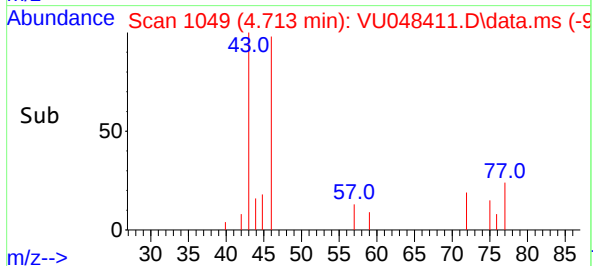
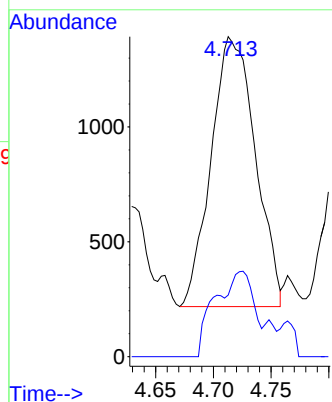
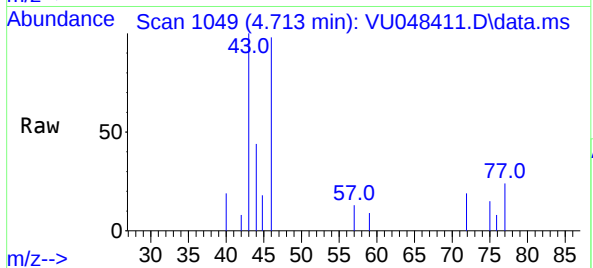




#22
2-Butanone
Concen: 1.047 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.010 min
Lab File: VU048411.D
Acq: 04 May 2022 12:28

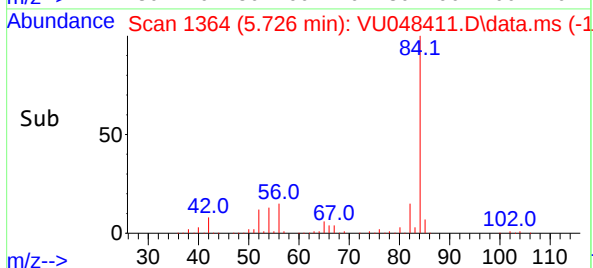
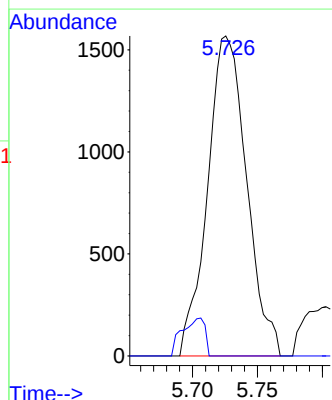
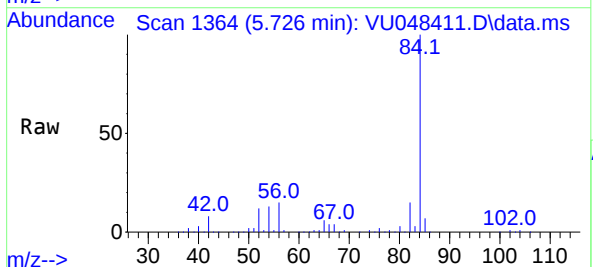
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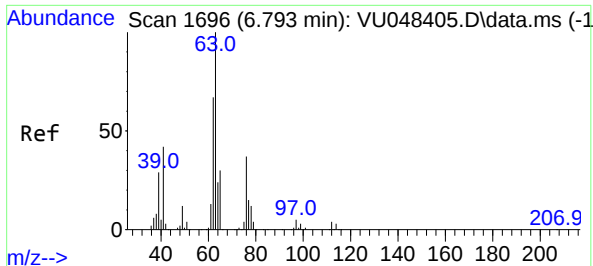
Tgt Ion: 43 Resp: 3128
Ion Ratio Lower Upper
43 100
72 10.0 14.6 43.8#



#27
1,2-Dichloroethane
Concen: 0.769 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.071 min
Lab File: VU048411.D
Acq: 04 May 2022 12:28

Tgt Ion: 62 Resp: 3281
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#

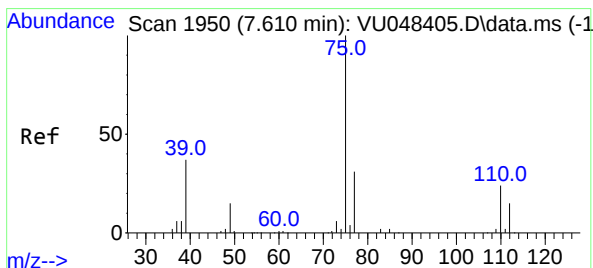
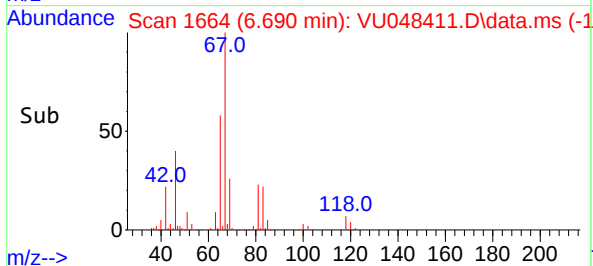
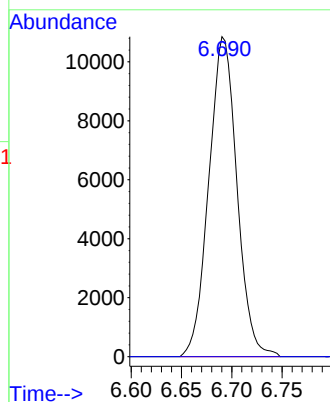
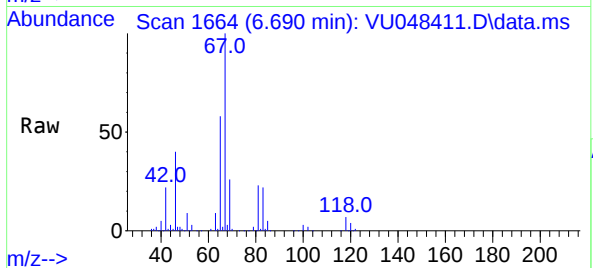




#37
1,2-Dichloropropane
Concen: 6.165 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU048411.D
Acq: 04 May 2022 12:28

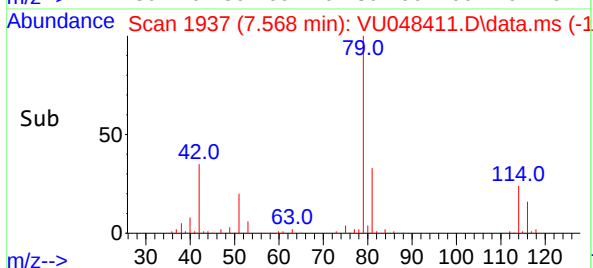
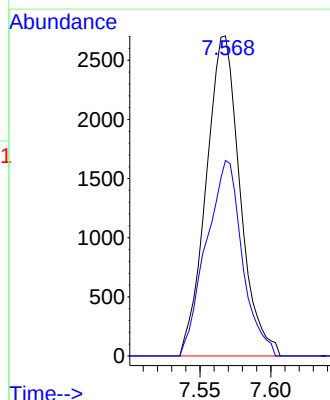
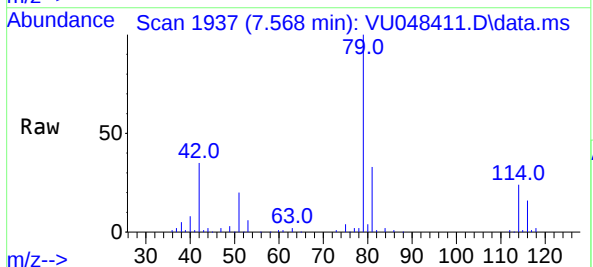
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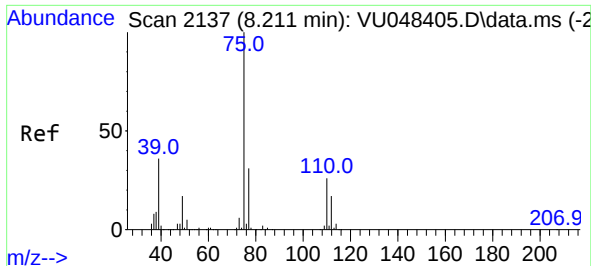
Tgt Ion: 63 Resp: 21136
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.933 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU048411.D
Acq: 04 May 2022 12:28

Tgt Ion: 75 Resp: 4496
Ion Ratio Lower Upper
75 100
77 61.1 22.0 41.0#

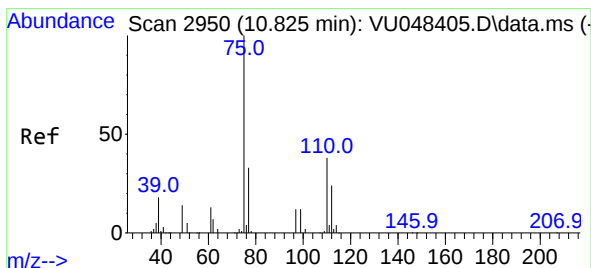
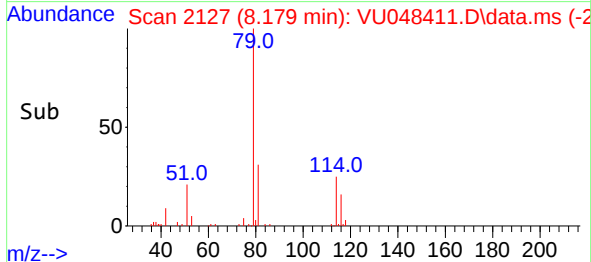
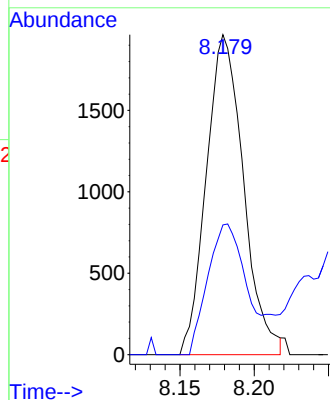
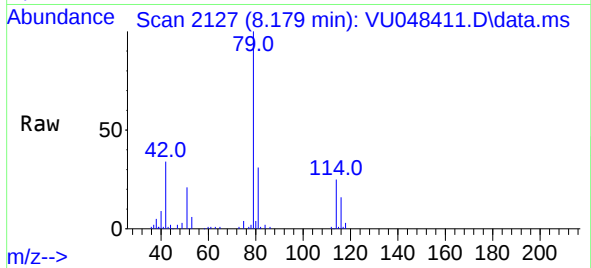




#44
trans-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048411.D
Acq: 04 May 2022 12:28

Instrument :
MSVOA_U
ClientSampleId :
EXL68

Tgt Ion: 75 Resp: 3416
Ion Ratio Lower Upper
75 100
77 40.6 22.1 41.1



#60
1,2,3-Trichloropropane
Concen: 4.353 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU048411.D
Acq: 04 May 2022 12:28

Tgt Ion: 75 Resp: 18257
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8
110 1.9 29.9 44.9#

